PUBLIC DOCUMENT..... .....No. 23.

THIRTY-SIXTH ANNUAL REPORT

OF

THE TRUSTEES

OF THE

STATE LUNATIC HOSPITAL

AT

WORCESTER.

OCTOBER, 1868.

BOSTON:
WRIGHT & POTTER, STATE PRINTERS,
79 MILK STREET (CORNER OF FEDERAL).
1869.

Digitized by the Internet Archive
in 2018 with funding from
Wellcome Library

https://archive.org/details/b30318208

Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council of the Commonwealth of Massachusetts.

The Trustees of the Worcester Lunatic Hospital respectfully submit their Thirty-Sixth Annual Report.

This hospital was established nearly forty years ago in the suburbs of the quiet town of Worcester. It is now in the middle of a thriving and prosperous city. Its essential features remain the same as when it was built, with only the addition of such improvements as its construction permitted. It is yet far from being such a building as the wants of this community require. At no distant day it may be thought advisable to relinquish the valuable tract of land in which it stands, in exchange for a more quiet and less expensive location at a little distance; and, by such exchange, the Trustees believe that a new hospital, suited to the times and to the character of the Commonwealth, might be built without cost to the State. As it is, the Trustees have confidence that the condition of its inmates, during the past year, has been as satisfactory as at any previous time.

By the Treasurer's report, the finances, which had been somewhat embarrassed by the high cost of supplies, are now in a good condition; and when all dues are received, and all debts paid, a balance will remain in favor of the hospital.

The average cost per week of each patient, in 1867, was $4.60, and for the present year $3.80. The latter sum now

nearly approaches the amount paid by the State and towns for their patients. The deficiency is made up by the payment of private patients, some of whom, at a sacrifice to their sense of pride and independence, prefer not to be a public burden.

In the treatment of those under our care, we can hardly venture to say that any very decided improvement has been made over former years, as our facilities have not increased with the progress of experience. We have far from reached perfection in the treatment of the insane. There are more truths yet to be revealed to us, and we trust that nothing that thought or expenditure can give will be neglected to make this hospital what it should be.

Freedom from personal restraint, instituted by the humane and courageous Pinel, marked an epoch in the annals of insanity. Another great step in advance will be to give useful and cheerful occupation to the insane, to relieve the tedious monotony of a hospital life,—to make a cheerful and happy home for such as are visited with this malady, from which no gift of mind or person can exempt us. Judge, counsellor, legislator and private citizen are all alike subject to it. It is the duty of every member of the community to use his power and influence to lessen the sufferings of those afflicted with insanity.

The restraints formerly used here, partly from ignorance, but more from motives of economy,—the cell, the camisole, chains and other instruments of days gone by,—have been exchanged for the gentle but firm presence of faithful and conscientious attendants, at all hours, to protect the patient from injury to himself or to others. If such attendance could be had in private families, and the love and affection of friends not exhausted, there are many patients in our hospitals who might remain at home. Yet the surroundings of a hospital, which seem so painful to visitors, are a source of benefit to some patients, from the sympathy and interest they excite.

It must not be supposed that the hardness of each individual case is in proportion to the complaints made by patients of the injustice of confining them to a hospital. This man who represents his case to the visitor most eloquently as being separated from his family, for whose support he is able to work, in another hour is dangerous to approach. This one who claims the need

of her children for her fostering care, if placed at large would put a firebrand to her dwelling.

Every attention possible is given to the complaints by patients of ill usage from their friends or attendants, and experimental visits to their homes, when the friends desire, are allowed, if safe and proper. Some are permitted to work at their trades in the city, while under the supervision of the hospital, and all are allowed the largest amount of liberty consistent with safety.

The health of our Superintendent, after a life of twenty years of labor in the hospital, having failed, he was induced to take a vacation in the summer, which he passed in visiting the hospitals of other lands. He has returned, apparently restored to health, and filled with experience which he will detail to you in the report that accompanies this.

In his absence, the duties of his office were most faithfully performed by Dr. Draper, to whom we feel gratefully indebted.

Very respectfully submitted by the Trustees.

R. W. HOOPER.
CHAS. MATTOON.
HENRY CHAPIN.
WM. WORKMAN.
S. E. SEWALL.

TREASURER'S REPORT.

To the Trustees of the Worcester Lunatic Hospital.

GENTLEMEN:—I herewith submit my annual report of the financial condition of the Worcester Lunatic Hospital.

RECEIPTS.

Cash on hand September 30, 1867,	$1,779 64
received of the Commonwealth for support of patients,	19,417 59
received of cities and towns for support of patients,	27,203 83
received of individuals for support of patients,	35,765 47
received from sale of farm products,	3,087 83
	$87,254 36

The expenditures of the year have been as follows:—

Provisions,—

Flour, 524 bbls.,	$6,908 65
Fresh meats,	3,705 02
Salt meats,	4,297 67
Butter,	4,871 76
Sugar,	2,032 36
Eggs and groceries,	1,424 65
Tea,	698 30
Coffee and chocolate,	624 53
Rice and crackers,	373 82
Meal,	130 50
Fresh fruits,	526 48
Potatoes,	1,617 52
Beans,	578 70
Fish,	594 61
Molasses and sirup,	749 22
Ice,	412 62
Vinegar and pickles,	236 75
Cheese,	145 23
Furniture, bedding, table ware, &c.,	2,477 93
Medical supplies,	1,135 23
Books, papers, stationery, printing, &c.,	792 79

Fuel,	$5,737 34	
Light,	1,175 73	
Soap,	473 89	
Improvements and repairs,	4,164 34	
Freight and express,	164 72	
Live stock,	705 00	
Salaries and wages,	20,567 71	
Miscellaneous,	2,829 74	
Provender,	1,901 78	
Total amount of current expenses,	$72,054 59	
Clothing,	2,395 72	
Undertakers' bills,	1,142 90	
Paid on loan,	7,500 00	
Cash on hand, September 30, 1868,	4,161 15	
		$87,254 36

RESOURCES.

Cash,		$4,161 15
Due from the Commonwealth,	$4,975 76	5,554 67
Same, (Appendix bills,)	578 91	
Due from cities and towns,		7,707 26
Due from individuals,		8,893 92
		$26,317 00

LIABILITIES.

Worcester County Institution for Savings,	$4,500 00	
Due for bills of supplies and expenses,	7,910 91	
Due for salaries and wages,	4,983 96	
		17,394 87
Balance,		$8,922 13
Invested funds, (market value,)		2,050 00
Dividends from the same on hand,		72 00
Surplus,		$11,044 13

D. W. BEMIS, *Treasurer.*

WORCESTER LUNATIC HOSPITAL,
WORCESTER, Oct. 1, 1868.

We have examined the above account, with the vouchers, and find it correct.

WILLIAM WORKMAN,
HENRY CHAPIN,
Auditing Committee.

WORCESTER, Oct. 17, 1868.

OFFICERS OF THE HOSPITAL.

TRUSTEES.

ROBERT W. HOOPER, M. D.,	Boston.
HON. CHARLES MATTOON,	Greenfield.
HON. HENRY CHAPIN,	Worcester.
WILLIAM WORKMAN, M. D.,	Worcester.
HON. SAMUEL E. SEWALL,	Boston.

RESIDENT OFFICERS.

MERRICK BEMIS, M. D.,	*Superintendent.*
JOSEPH DRAPER, M. D.,	*Assistant-Physician.*
CAROLINE A. BEMIS,	*Matron.*
DANIEL W. BEMIS,	*Steward.*

TREASURER.

DANIEL W. BEMIS,	Worcester.

Office at the Hospital.

SALARIED OFFICERS OF THE HOSPITAL.

Superintendent,	$1,800 00
Assistant-Physician,	900 00
Matron,	200 00
Steward and Treasurer,	1,000 00

SUPERINTENDENT'S REPORT.

To the Trustees of the Worcester Lunatic Hospital.

GENTLEMEN:—In obedience to the laws of the Commonwealth, I have the honor to submit to you the Thirty-Sixth Annual Report of the Worcester Lunatic Hospital.

For the general results of the year, and the condition of the patients in detail, you are respectfully referred to the following tabular statements, and such brief explanatory remarks as may accompany them:—

TABLE No. 1,

Showing the general results during the year.

	Males.	Females.	Totals.
Patients in the Hospital, October 1, 1867,	177	178	355
Admitted during the year,	158	138	296
Whole number under treatment,	335	316	651
Discharged recovered,	62	48	110
improved,	44	48	92
not improved,	20	14	34
Died,	21	12	33
Whole number discharged,	147	122	269
Remaining, September 30, 1868,	188	194	382

From this table, it appears that two hundred and ninety-six patients were admitted during the last year, of whom one hundred and fifty-eight were males, and one hundred and thirty-eight were females.

At the close of the previous year, there were three hundred and fifty-five patients inmates of the hospital, of whom one

hundred and seventy-seven were males, and one hundred and seventy-eight were females, so that there were six hundred and fifty-one persons under treatment in the course of the year, of whom three hundred and thirty-five were males, and three hundred and sixteen were females; the daily average was three hundred and seventy. No disturbing causes have operated to influence in any very great degree the usual results of the year.

The number of patients discharged was two hundred and thirty-six, of whom one hundred and ten were recovered, ninety-two improved, and thirty-four not improved. Thirty-three were removed by death, of whom twenty-one were males, and twelve were females.

The recoveries were thus in the ratio of a fraction more than thirty-nine per cent. to the number of admissions,—a gratifying result if compared with the percentage of recoveries in other old and long established hospitals.

At the close of the year there were eight patients in the hospital who had recovered their usual degree of mental health, and were awaiting the convenience of their friends for their removal. If this number be added to the number of those discharged and tabulated, the ratio of recoveries to the number discharged will be increased from forty-seven to fifty per cent. And if eight cases of recurrent mania and ten cases of unknown duration be included in the tabular statement, the ten per cent. of recovery of recent cases will be increased from fifty-four to sixty per cent.

Again, if fifty-six patients who were transferred directly to other institutions be deducted from the whole number discharged, the ratio of recoveries to the number discharged will be sixty-one per cent., or sixty-five per cent. if the eight who had recovered and were remaining be added to the number of those discharged.

The rate of mortality is somewhat less than during the previous year, and may be considered as quite moderate, if we regard the condition of many of the patients when admitted.

The percentage of deaths of the average number of residents was nine, and only five per cent., if calculated on the whole number under treatment.

Table No. 2,

Showing the Admissions and state of the Hospital from October 1, 1867, *to September* 30, 1868.

	Males.	Females.	Totals.
Patients in the Hospital, October 1, 1867, . . .	177	178	355
admitted in the course of the year, . .	158	138	296
remaining in the Hospital, Sept. 30, 1868, .	188	194	382
Of the admissions there were cases of one year or less duration, ...	103	82	185
Of the admissions there were cases of more than one year's duration, ...	49	48	97
Of the admissions there were cases the duration of whose insanity could not be ascertained, . .	6	8	14
Patients committed by Courts, ...	109	88	197
committed by Overseers of the Poor, . .	12	10	22
on bonds, ...	37	36	73
committed by Governor's warrant, . .	–	–	–
committed by the Board of State Charities, .	1	3	4
committed by Commissioners of Lunacy, .	–	–	–
Foreigners and those having no settlement in the State, committed in course of the year, . .	58	60	118
Foreigners and those having no settlement in the State, discharged in course of the year, . .	61	63	124
Foreigners and those having no settlement in the State, remaining in the Hospital, Sept. 30, 1868, .	47	48	95
Patients in Hospital previously, ...	45	45	90
in other Hospitals in this State previously, .	8	8	16
in Hospitals of other States previously, .	1	6	7

State Paupers remaining in the Hospital at the close of each year as nearly as can be ascertained.

1842, . .	34	1851, . .	201	1860, . .	130
1843, . .	38	1852, . .	241	1861, . .	156
1844, . .	38	1853, . .	216	1862, . .	189
1845, . .	57	1854, . .	151	1863, . .	175
1846, . .	52	1855, . .	115	1864, . .	116
1847, . .	121	1856, . .	155	1865, . .	91
1848, . .	150	1857, . .	119	1866, . .	129
1849, . .	167	1858, . .	121	1867, . .	101
1850, . .	181	1859, . .	124	1868, . .	95

The preceding table shows that one hundred and eighty-five patients were admitted to the hospital in the course of the year whose insanity had existed one year or less previous to the date of their admission. Other tables in this connection show that about seventy-five per cent. of all patients admitted to the hospital who had been insane not more than one year previous

to admission have recovered their mental health and usefulness and have been restored to society.

It may also readily be shown that a large proportion of those who are placed under treatment on the first appearance of disease recover their customary health within a period of six months.

The table also shows that one hundred and ninety-seven patients were committed by order of the probate courts of the several counties, thus making the commitment of patients an open, fair, legal proceeding. In all cases where the patient has been admitted by the officers of the hospital the admission has been given on the authority of a certificate of insanity from two physicians. And in those cases where the patient has voluntarily sought the benefits of the institution an examination has at once been made and certificates procured from physicians not connected with the hospital.

Of the one hundred and ninety-seven committed by the courts in the course of the year, one hundred and eighteen were supported by the charity of the Commonwealth. Of this class one hundred and twenty-four were discharged, leaving ninety-five in the hospital at the close of the year.

The number of patients admitted into the hospital since it was opened amounts to eight thousand one hundred and ninety-eight, of whom four thousand and ninety-five have been males and four thousand one hundred and three females.

Of this number, three thousand eight hundred and twenty-five have been discharged recovered, and one thousand four hundred and forty-six have been discharged improved; the recoveries being in th ratio of forty-eight and nine-tenths per cent. to the whole number, after deducting the number of those who remain under treatment. And the ratio of those discharged improved, to the whole number, is a fraction less than twenty per cent., after deducting those who remain in the hospital.

Fifty-seven patients have been removed to other institutions in the course of the year by order of the Board of State Charities, and five have been removed to their homes out of the Commonwealth. A large majority of these patients were supposed to be incurable, and had been residents in the hospital varying periods of time from a few weeks to several years.

I have done all in my power to carry out the plan of boarding a few quiet chronic patients in private houses, whose condition seemed to warrant it, both in deference to the opinions encouraged by your board, and under the convictions on this subject which I urged in my reports of 1856 and 1857; but I must confess that I find very great difficulty in getting proper persons to interest themselves sufficiently in the subject to assist me in my efforts, and have thus far been able to procure suitable homes for a few cases only of those whose service would be of real value.

In reference to those cases for whom asylums are sought out of the Commonwealth and similar cases so disposed of in former years, I beg leave to make a single remark.

It is much to be regretted that there cannot be a fair understanding and an equitable arrangement between the authorities of different countries and also between the authorities of different sections of our own country, for the purpose of facilitating and rendering such transfers humane and desirable, not only between this country and England, Scotland, Ireland and Germany, but between different States of our own country.

Under the existing state of things lunatics who may be wisely and properly transferred to their homes in a foreign country, are generally landed at Liverpool, where it not unfrequently happens that all trace of them is lost. Sometimes, however, they are picked up as wanderers in the streets, and are sent to English asylums or poor-houses.

And in the case of those who are sent into other States, where they are supposed to have settlements, the result frequently is, that on arriving in the place of their settlement, either their identity or their insanity is repudiated by the authorities, and the unfortunate lunatic, unable to provide for himself, is let loose on the public streets, to take his chance of what Providence may do for him. They sometimes succeed in begging their way back to the hospital. When they have done so they have been received by order of the Board of State Charities, and taken care of until they could again be transferred.

Of the unrecovered patients discharged, many were removed by the Board of State Charities, and proper provision was made for them in other institutions; some, however, were removed for whom no special provision was made for their care; and some, as frequently happens, were very injudiciously removed,

and have consequently been readmitted in a much more hopeless condition than when they were taken away.

Table No. 3,

Showing the Number Admitted, Restored, Improved, Died, &c., in each Month in the Year.

MONTHS.	Admitted.			Removed.											Remaining.		
				Restored.		Improved.		Not improved.		Died.		Totals.					
	Males.	Females.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.	Males.	Females.	Totals.
October, .	7	11	18	2	8	5	2	1	2	3	1	11	13	24	173	176	349
November, .	9	11	20	1	4	3	2	1	1	1	2	6	9	15	176	178	354
December, .	15	9	24	3	3	4	4	2	1	–	–	9	8	17	182	179	361
January, .	19	5	23	7	5	–	2	–	–	–	–	7	7	14	193	177	370
February, .	8	10	18	4	2	–	1	–	–	–	1	4	4	8	197	183	380
March, .	11	9	20	8	4	3	5	9	3	2	1	22	13	35	186	179	365
April, . .	19	17	36	9	5	3	6	1	–	6	1	19	12	31	186	184	370
May, . .	9	15	24	6	2	4	9	–	2	1	1	11	14	25	184	185	369
June, . .	15	16	31	7	3	8	12	2	3	1	1	18	19	37	181	182	363
July, . .	21	15	36	3	5	3	3	1	1	2	–	9	9	18	193	188	381
August, .	9	8	17	8	3	6	1	1	1	2	3	17	8	25	185	188	373
September, .	17	12	29	4	4	5	1	2	–	3	1	14	6	20	188	194	382
Totals, .	158	138	296	62	48	44	48	20	14	21	12	147	122	269	–	–	–

Table No. 4,

Showing the form of Disease in those Admitted and Discharged during the year.

FORM OF DISEASE.	Admitted.			Discharged.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Mania, ...	61	56	117	48	45	93
" Chronic, . . .	24	20	44	26	21	47
" with Epilepsy, . .	9	–	9	4	–	4
" with general Paralysis, .	5	–	5	3	–	3
Melancholia, . . .	6	14	20	7	10	17
Dementia, ...	28	33	61	30	29	59
" Senile, . . .	5	6	11	1	2	3
" with Epilepsy, . .	10	4	14	4	1	5
" with general Paralysis,	8	2	10	2	1	3
Monomania of Fear, . .	1	2	3	–	1	1
of Suspicion, . .	1	1	2	1	–	1
Totals, ...	158	138	296	126	110	236

Table No. 5.

Supposed Causes of Insanity of Patients admitted into the Hospital from January 18, 1833, *to September* 30, 1868.

Causes.	1868.		Previously.	
	Males.	Females.	Males.	Females.
Apoplexy,	–	–	1	2
Asthma,	–	–	1	–
Bronchitis,	–	–	–	1
Bowels, Disease of,	–	–	1	–
Cancer,	–	–	–	1
Chorea,	–	–	–	3
Constipation,	–	–	–	–
Convulsions,	–	–	10	12
Dysentery,	–	–	2	2
Dyspepsia,	–	–	3	2
Epilepsy,	14	4	188	69
Eruptive Diseases,	–	–	3	3
Eyes, Disease of,	–	–	2	–
Eyes, Loss of,	–	–	1	–
Erysipelas,	–	–	–	1
Fevers,	–	–	52	72
Hysteria,	–	1	–	1
Hemorrhoides,	–	–	1	1
Ill Health,	4	6	257	944
Influenza,	–	–	1	3
Insolation,	2	–	19	–
Idiocy,	–	–	18	10
Laryngitis,	–	–	–	–
Measles,	–	–	4	6
Nervous Irritation,	–	–	–	–
Nymphomania,	–	–	–	4
Old Age,	1	3	30	34
Otitis,	–	–	–	–
Paralysis,	12	2	91	30
Pneumonia,	–	–	–	–
Rheumatism,	–	–	5	1
Scrofula,	2	2	4	4
Sea-sickness,	–	–	1	1
Somnambulism,	–	–	–	2
Suppressed Eruptions,	–	–	4	3
Suppressed Ulcer,	–	–	1	3
Satyriasis,	–	–	1	–
Tic Douloureux,	–	–	–	2
Tumor,	–	–	–	1
Whooping Cough,	–	–	1	–
Amenorrhœa,	–	–	–	23
Lactation, Excessive,	–	–	–	4
Menorrhagia,	–	–	–	10
Menorrhagia, Suppressed,	–	–	–	27
Miscarriage,	–	–	–	5

TABLE No. 5.—Concluded.

CAUSES.	1868.		PREVIOUSLY.	
	Males.	Females.	Males.	Females.
Pregnancy,	–	–	–	12
Puerperal,	–	12	–	228
Turn of Life,	–	9	–	90
Amputation of Leg,	–	–	1	–
Bathing in Cold Water,	–	–	3	–
Drinking Cold Water,	–	–	1	–
Exposure to Cold,	–	–	11	13
Injuries by Falling, &c.,	–	–	21	7
Injury of Head,	3	2	61	14
Injury of Spine,	–	–	5	8
Lead, Poison of,	5	–	5	–
Lightning, Stroke of,	–	–	–	1
Labor, Excessive,	–	–	44	60
Loss of Sleep,	–	–	1	3
Study, Excessive,	–	–	29	12
Spiritualism,	–	–	22	24
Criminal Trial,	–	–	–	1
False Accusation,	–	–	–	1
Imprisonment,	–	–	4	1
Death of Relatives,	–	–	31	90
Domestic Trouble,	–	–	115	346
Marriage, Unhappy,	2	6	2	5
Disappointment in Love,	–	6	67	102
Disappointed Ambition,	1	–	9	9
Home Sickness,	–	–	6	18
Fright,	–	–	21	24
Seduction,	–	–	–	3
Millerism,	–	–	9	6
Political Excitement,	–	–	10	1
Religious Excitement,	5	2	158	177
Pecuniary Trouble,	–	–	145	38
Poverty,	–	–	1	1
Poverty, Fear of,	–	–	32	8
Prosecution,	–	–	1	–
Giving up Business,	–	–	2	–
Change of Business,	1	–	9	–
Violent Temper,	–	–	2	15
Jealousy,	–	–	18	28
Intemperance,	30	4	630	87
Opium, Use of,	–	–	3	9
Tobacco, Use of,	–	–	2	7
Masturbation,	24	6	409	69
Venery, Excess of,	–	–	1	–
Unknown,	12	18	1,143	1,164
Hereditary or Periodical,	45	55	–	–
Totals,	158	138	3,937	3,965

The foregoing table shows the assigned causes of insanity of the patients admitted during the year, and also of all the pa-

tients admitted in previous years since the hospital was opened. The classification is given as indicating very clearly the relation of cause and effect in the progress of mental disease. It does illustrate to some extent the predisposing influences as to whether they are moral or physical in their nature. In this respect the table is valuable, having been carefully kept nearly thirty-six years, and embracing more than eight thousand cases.

I have endeavored to re-arrange and classify anew the whole number of cases, and show in a more acceptable manner the conditions and circumstances influencing the health of the patients previous to invasion of mental disease.

Having personally known a majority of all the patients admitted to the hospital, and having carefully studied the histories of all others, I may be able to present a new classification in my next annual report.

TABLE No. 6,

Showing the Ages of Patients Admitted, Discharged Recovered, not Recovered, and Died during the Year.

AGES.	ADMITTED.		DISCHARGED RECOVERED.		DISCHARGED NOT RECOVERED.		DIED.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Less than 15, .	–	1	–	2	–	1	–	–
From 15 to 20,	8	5	1	2	2	6	–	–
20 to 30,	37	26	21	11	17	10	2	1
30 to 40,	40	30	16	9	17	12	1	2
40 to 50,	30	40	8	11	14	18	6	2
50 to 60,	22	11	12	6	9	8	6	3
60 to 70,	6	15	2	6	3	5	1	1
70 to 80,	12	7	2	1	1	2	5	1
80 to 90,	–	1	–	–	–	–	–	2
Unknown, . .	3	2	–	–	1	–	–	–
Totals, . .	158	138	62	48	64	62	21	12

Table No. 7,

Showing the Ages of Patients Admitted, Discharged Recovered, not Recovered, and Died, from January 18, 1833, *to September* 30, 1867.

Ages.	Admitted.		Discharged Recovered.		Discharged not Recovered.		Died.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Less than 15, .	33	27	7	11	21	12	2	2
From 15 to 20,	338	243	130	148	71	68	15	16
20 to 30,	1,042	990	519	505	376	385	69	75
30 to 40,	966	1,046	467	503	410	383	106	100
40 to 50,	832	857	352	395	299	291	112	100
50 to 60,	440	482	193	226	166	158	79	87
60 to 70,	266	229	93	108	103	71	58	58
70 to 80,	104	75	24	26	27	21	44	25
80 to 90,	1	15	6	2	5	4	6	7
Unknown, . .	1	1	–	–	–	–	–	–
Totals, . .	3,937	3,965	1,791	1,924	1,418	1,393	491	470

Table No. 8,

Showing the Duration of Insanity before Admission of Patients Admitted, Discharged Recovered, not Recovered, and Died during the Year.

Duration of Insanity.	Admitted.		Discharged Recovered.		Disch'd not Recovered.		Died.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Insane 1 year or less, . .	86	74	44	38	11	16	5	6
More than 1 year, and less than 2 years, ...	15	14	9	7	14	13	2	2
More than 2 years, and less than 5 years, ...	16	19	3	3	13	16	9	2
More than 5 years and less than 10 years, ...	11	9	–	–	16	10	2	–
More than 10 years and less than 15 years, ...	13	5	6	–	3	4	3	–
More than 15 years and less than 20 years, ...	5	3	–	–	1	1	–	–
More than 20 years and less than 25 years, ...	4	5	–	–	1	1	–	2
More than 25 years and less than 30 years, ...	2	3	–	–	1	1	–	–
Thirty years or more, . .	1	1	–	–	–	–	–	–
Unknown, ...	5	5	–	–	4	–	–	–
Totals, ...	158	138	62	48	64	62	21	12

Table No. 9,

Showing the Duration of Insanity before Admission of Patients Admitted, Discharged Recovered, not Recovered, and Died, from January 18, 1833, *to September* 30, 1867.

DURATION OF INSANITY.	Admitted.		Discharged Recovered.		Discharged not Recovered.		Died.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Insane one year or less, .	2,486	2,679	1,378	1,505	672	640	244	288
More than one year, and less than 2 years, . .	164	130	176	161	122	94	35	17
More than 2 years, and less than 5 years, . .	549	521	118	136	210	191	93	67
More than 5 years, and less than 10 years, .	303	280	48	57	214	208	38	31
More than 10 years, and less than 15 years, .	158	170	14	23	112	104	32	27
More than 15 years, and less than 20 years, .	73	47	9	9	46	66	20	11
More than 20 years, and less than 25 years, .	50	44	7	–	33	36	5	8
More than 25 years, and less than 30 years, .	21	16	5	1	11	10	7	6
Thirty years or more, .	33	29	2	5	13	13	9	7
Unknown, . . .	100	49	24	21	45	31	8	8
Totals, . . .	3,937	3,965	2,791	1,924	1,478	1,393	491	470

Table No. 10,

Showing the Civil Condition of Patients Admitted, Discharged Recovered, not Recovered, and Died during the year.

Civil Condition.	Admitted.		Discharged Recovered.		Discharged not Recovered.		Died.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Unmarried, .	75	50	30	13	40	25	5	2
Married, .	67	59	26	21	18	25	14	7
Widowers, .	16	–	5	–	4	–	2	–
Widows, .	–	29	–	14	–	12	–	3
Unknown, .	–	–	1	–	2	–	–	–
Totals, .	158	138	62	48	64	62	21	12

Table No. 11,

Showing the Civil Condition of Patients Admitted, Discharged Recovered, not Recovered, and Died, from January 18, 1833, *to September* 30, 1867.

Civil Condition.	Admitted.		Discharged Recovered.		Discharged not Recovered.		Died.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Unmarried, .	2,072	1,686	890	769	893	732	187	198
Married, .	1,661	1,778	828	917	517	507	241	182
Widowers, .	179	–	70	–	56	–	57	–
Widows, .	–	480	–	235	–	140	–	88
Unknown, .	25	21	3	3	12	14	6	2
Totals, .	3,937	3,965	1,791	1,924	1,478	1,393	491	470

Table No. 12,

Showing the Occupation of Patients admitted to the Hospital from January 18, 1833, *to September* 30, 1868.

OCCUPATION OF MALES.	1868.	Previously.
Auctioneers,	–	2
Armorers,	–	3
Authors,	–	3
Blacksmiths and Iron-workers,	2	70
Bakers,	–	12
Butchers,	–	5
Book-agents,	–	2
Book-binders,	1	3
Broom-makers,	–	2
Book-keepers,	–	10
Brittania-workers,	–	2
Brick-makers,	–	6
Bellows-makers,	–	2
Barbers,	3	16
Clergymen,	–	25
Carvers,	–	3
Carpenters,	6	127
Coppersmiths,	–	9
Coopers,	–	22
Cabinet-makers,	–	17
Clothiers,	–	16
Comb-makers,	–	4
Confectioners,	–	3
Card-makers,	–	1
Chair-makers,	–	3
Cigar-makers,	–	6
Clerks,	9	111
Carpet-weavers,	–	3
Caulkers,	–	3
Camphene-distillers,	–	3
Dyers,	–	3
Druggists,	–	3
Drovers,	–	2
Daguerreotypeists,	–	4
Engineers,	2	2
Engravers,	–	4
Editors,	–	4
Expressmen,	–	14
Farmers,	26	763
Fishermen,	–	35
Gardeners,	–	10
Glass-blowers,	–	4
Hotel-keepers,	–	14
Hatters,	1	8
Harness-makers,	1	14
Hackmen and Teamsters,	–	37
Jewellers,	3	21

TABLE No. 12—Continued.

OCCUPATION OF MALES.	1868.	Previously.
Lawyers,	–	16
Laborers,	39	890
Manufacturers,	1	32
Millers,	–	6
Merchants,	2	161
Masons,	4	32
Miners,	–	4
Miniature-painter,	–	1
Mat-makers,	–	3
Musicians,	2	8
Machinists,	5	55
Moulders,	–	7
Operatives in Mills,	8	94
Palm leaf splitter,	–	1
Painters,	4	49
Printers,	1	35
Physicians,	2	28
Paper-makers,	–	7
Peddlers,	–	16
Potter,	–	1
Pump and Block makers,	–	4
Pattern-makers,	–	4
Plumbers,	–	5
Police Officers,	–	3
Rope-makers,	–	11
Restaurators,	1	12
Shoemakers and Boot-makers,	11	315
Sail-makers,	–	9
Soap-makers,	–	10
Sash and Blind makers,	–	3
Sea-captains,	2	16
Sailors,	2	161
Students,	1	59
Ship-carpenters,	–	9
Shop-keepers,	3	5
Stone-cutters,	–	13
Soldiers,	2	27
Sexton,	–	1
Stevedore,	–	1
Surveyors,	–	2
School-boys,	2	29
Tailors,	1	28
Teachers,	–	38
Tobacconists,	–	3
Tinners,	–	8
Tanners,	4	26
Umbrella-makers,	–	2
Wheelwrights,	–	18
No occupation,	7	242
Totals,	158	3,937

Table No. 12—Concluded.

OCCUPATION OF FEMALES.	1868.	Previously.
Actresses,	–	2
Cooks,	1	64
Engraver,	–	1
Housekeepers,	77	2,128
Housemaids,	23	408
Laundresses,	–	4
Music teachers,	–	3
Midwives,	–	2
Nurses,	1	14
Operatives in Mills,	10	227
Seamstresses,	23	746
School-girls,	1	45
Teachers,	2	82
Type-setters,	–	3
No occupation,	–	236
Totals,	138	3,965

Table No. 13.

Diseases which have proved fatal, from January 18, 1833, *to September* 30, 1868.

DISEASES.	1868.		Previously.	
	Males.	Females.	Males.	Females.
Apoplexia,	1	–	16	11
Asphyxia,	–	1	2	–
Asthma,	–	–	4	1
Ascites,	–	–	5	7
Antochiria,	1	–	16	11
Bronchitis,	–	–	2	–
Carcinoma,	–	–	2	2
Cardionosus,	–	–	13	14
Cholera,	–	–	5	–
Cholera Morbus,	–	–	2	3
Cystitis,	–	–	1	1
Dysenteria,	–	–	12	6
Delirium Tremens,	–	–	4	–
Enteritis,	–	–	6	9
Epilepsia,	4	1	74	37
Erysipelas,	–	–	9	10
Hepatitis,	1	–	–	2
Hydrothorax,	–	–	1	1
Hernia,	–	–	1	–
Inanitia,	–	1	38	58

Table No. 13—Concluded.

DISEASES.	1868.		Previously.	
	Males.	Females.	Males.	Females.
Mania, Exhaustive,	2	2	15	15
Marasmus,	1	1	72	70
Meningitis,	–	–	11	15
Mortificatio,	–	–	–	1
Necropneumonia,	–	–	1	2
Paralysis,	9	1	55	20
Phthisis Pulmonalis,	1	2	65	124
Pleuritis,	–	–	–	2
Pneumonia,	1	–	15	9
Senectus,	–	3	29	21
Typho-Mania,	–	–	8	11
Typhoid Fever,	–	–	8	6
Variola,	–	–	1	–
Totals,	21	12	491	470

Table No. 14,

Showing the Admissions from each County, from January 18, 1833, *to September* 30, 1868.

	1868.			Previously.	Whole No.
	Males.	Females.	Totals.		
Barnstable,	–	–	–	128	128
Berkshire,	–	–	–	190	190
Bristol,	1	1	2	294	296
Dukes,	1	–	1	19	20
Essex,	29	29	58	1,159	1,217
Franklin,	1	–	1	126	127
Hampden,	1	4	5	372	377
Hampshire,	1	2	3	325	228
Middlesex,	52	40	92	1,386	1,379
Nantucket,	–	–	–	32	32
Norfolk,	5	7	12	637	649
Plymouth,	–	–	–	238	238
Suffolk,	7	9	16	742	758
Worcester,	59	45	104	2,312	2,303
Other States,	1	1	2	42	44
Totals,	158	138	296	7,902	8,198

Table No. 15,

Showing the Whole Number of Patients during the last year, the Average Number, the Number at the end of each year, the Expense of each year, the Annual Expense for each Patient, and the Expense of each Patient per week for each of the Thirty-six years the Hospital has been in operation.

YEARS.	Whole Number.	Average Number.	No. at end of each Year.	Current Expenses of each Year.	Annual Expense for each Patient.	Expense per Week for each Patient.
1833, .	153	107	114	$12,272 91	$114 67	$2 25
1834, .	233	117	118	15,840 97	135 38	2 60
1835, .	241	120	119	16,576 44	137 30	2 64
1836, .	245	127	138	21,395 28	168 44	3 12
1837, .	306	163	185	26,027 07	159 64	3 07
1838, .	362	211	218	28,739 40	136 20	2 62
1839, .	397	223	229	29,474 41	132 16	2 53
1840, .	391	229	236	27,844 98	121 59	2 33
1841, .	399	233	232	28,847 62	123 81	2 38
1842, .	430	238	238	29,546 87	111 12	2 13
1843, .	458	244	255	27,914 12	114 40	2 20
1844, .	491	261	263	29,278 75	112 17	2 15
1845, .	656	316	360	43,888 65	138 88	2 66
1846, .	637	359	367	39,870 37	111 06	2 13
1847, .	607	377	394	39,444 47	104 62	2 01
1848, .	655	404	409	42,860 05	106 09	2 05
1849, .	682	420	429	40,870 86	97 31	1 87
1850, .	670	440	441	46,776 13	106 40	2 04
1851, .	704	462	466	52,485 33	112 61	2 16
1852, .	775	515	532	43,878 35	85 20	1 64
1853, .	820	537	520	53,606 66	103 14	1 98
1854, .	819	430	381	53,221 52	123 77	2 38
1855, .	580	349	336	54,895 88	157 29	3 02
1856, .	577	357	376	45,631 37	128 64	2 47
1857, .	647	387	372	49,004 75	124 04	2 38
1858, .	679	372	301	38,267 26	102 86	2 39
1859, .	501	309	317	48,363 33	156 51	3 01
1860, .	532	324	331	47,757 01	147 39	2 83
1861, .	583	369	379	54,748 53	148 37	2 84
1862, .	600	401	396	53,043 88	132 18	2 50
1863, .	611	398	399	66,082 36	166 03	3 19
1864, .	625	366	344	66,612 00	182 00	3 50
1865, .	565	350	343	73,772 41	211 37	4 06
1866, .	630	368	381	88,398 73	239 28	4 60
1867, .	669	389	355	86,930 88	223 47	4 30
1868, .	651	370	382	72,054 59	197 60	3 80

No epidemic prevailed to any extent during the year, and the health of the patients was, in general, good.

The cold, wet spring, the very severe weather of summer, and the sudden changes of the temperature during almost the entire year, exerted an unfavorable influence on the sanitary

condition of such patients as were enfeebled by age and exhausting bodily and mental disorders. The deaths of thirty-three patients,—twenty-one men and twelve women,—have been somewhat less than during the preceding year; both absolutely, and when calculated in reference to the average population. By referring to the proper table it will be seen that the mortality for the year reached nine per cent. of the average number of residents, and five per cent. of the whole number of residents during the year; while the average mortality, since the opening of the institution, has been a fraction more than eight per cent. on the average number of patients, and a fraction less than five per cent. on the whole number of residents.

On comparing the mortality for the sexes separately, it will be found, as has been before noticed, that any seeming increase in the death-rate is nearly confined to male patients. When the rate of mortality in the hospital is considered, it must not be forgotten how large a proportion of the more feeble inmates are advanced in life,—more than one-third of those who died having passed their sixtieth year,—nor should it be forgotten that nearly all are broken in health of body and mind long before their admission to the hospital.

As to the causes of death, there must be noticed the large proportion from paralysis, epilepsy, apoplexy and other cerebral disorders, of which, altogether, there were fifteen cases; and also the proportion of thoracic diseases, of which there were as many as six cases: making, altogether, twenty-one deaths out of the thirty-three tabulated. The remaining twelve embrace a variety of cases, the character of which is shown in the table No. 13.

Several cases were brought to the hospital in nearly a dying condition, and ought not to have been sent to a hospital at all. Their transit here most likely hastened their death, and entailed upon the institution an unnecessary expense in nursing and attendance, besides adding to our bills of mortality. They seem to have been committed simply because they were not cleanly in their habits, and required nursing and attendance. These patients should be taken care of elsewhere, for the few days or weeks they may live, and not be sent to an institution which should be kept as far as possible for curative purposes.

It will be seen by reference to table No. 15, that while the average number of patients was less than during the preceding year, the average weekly expense was reduced from four dollars and thirty cents to three dollars and eighty cents,—a fact which seems to promise for the future something of our old-time financial prosperity. The weekly expense steadily advanced during the war until it reached the sum of four dollars and sixty cents in 1866. While the cost of support has been materially lessened, the property of the Commonwealth has not been suffered to deteriorate, nor has there been any reduction in the quality or quantity of the supplies.

In fact, the whole treatment of the patients, in a medical, moral and hygienic point of view, has received a full share of attention, so that the institution might be, as it has been, as far as possible, curative, and afford relief in those cases where recovery seemed impossible.

Insanity is so essentially a disease of debility, that, as a necessary starting point to its successful treatment, a good and generous dietary is indispensable. No less desirable are faithful and skilful nurses and attendants. In addition to this, large outlays must be made, annually, to provide other comforts, without which little can be accomplished.

Add to all this the expense necessary for the annual repairs of an establishment subject to the hard usage of a hospital for the insane, and it will not be expected that the weekly expense per patient can be reduced very much lower.

All the usual sources of intellectual occupation are kept up, as formerly,—the library, periodicals, and daily and weekly papers. The lectures, concerts, social re-unions have been the means of giving much comfort and relief to our patients who would otherwise have suffered from the dull monotony of a hospital routine. The usual recreations of games, rides, walks, and everything that can be made available for the healthy and innocent occupation of mind, have been freely encouraged and employed. I ought not to omit the daily religious services in the chapel, and the frequent, well-timed visits of the Chaplain, Rev. George Allen, as among the best and highest prized privileges of the patients.

The usual tables showing the extent to which the patients have been industriously occupied by the amount of work exe-

cuted in the house, in the shops and in the gardens and on the farm are necessarily omitted. But when I remind you that last year nearly thirty thousand days' work were accomplished, and nearly the same amount in each of several previous years, you will be ready to believe that a respectable degree of industry has marked the year just closed.

The great disproportion between the employed and the aggregate number of patients is always noticed and often commented upon. Those persons who regard this disproportion unfavorably are apt to overlook the greatly impaired physical condition of a large majority of insane persons. Regarding as I do occupation as one of the most important curative agents in the treatment of insanity, and urging its adoption upon all, both in and out of my own hospital, it ought of course to be my desire to bring this curative agent into full force.

When we look for a moment at the population of the house, it is evident that we cannot draw to a much greater extent upon the fluctuating portion of it for carrying on the process of either trade or farm labor. This class of our patients, to us, improve, or recover and go away. During a large part of the time they are with us, they not only are unfit for labor, but require extraordinary care and attention to preserve their health and lives. Then, the smaller class who sicken and die are not to be regarded in reference to any plan of occupation. If we turn our attention to the more fixed population, we shall find indolence is one of the most marked characteristics of dementia, and that incapacity for useful employment is quite frequently the measure of imbecility.

The general paralytics and epileptics, who comprise classes of large and increasing numbers, are, aside from all considerations of their physical condition, too uncertain and too dangerous for any sort of occupation. It is worthy of remark, that though the employments of the male patients are distributed among a great number of trades, we can claim at any one period but very few competent workmen, in any one of them most useful to the institution. Few indeed are there able to perform daily labor.

For example, we have had committed to our care during the past year four masons, one of whom was discharged at the end of one week, one is upwards of seventy years of age, one is

demented, and constantly excited, and the fourth is demented, but works daily. Of painters there were three admissions, one of whom is a young man, paralytic, one is seventy-four years of age and helpless, and the third was discharged within two months of the time of his admission. Of tailors there was but one admission, a paralytic. Of blacksmiths there were two admissions, one of whom was a man seventy-three years of age, and one young man who was discharged at the end of six weeks. Of shoemakers there were eight admissions, four of whom were discharged within about three months of the time of their admission, one is homicidal and dangerous, two are paralytic, and one is epileptic. Of machinists there were five admissions, two of whom were discharged within two months of the time of their admission, one is homicidal, one paralytic, and one epileptic. Of carpenters there were five admissions, one of whom works daily, two are thoroughly demented, and two are each seventy-nine years of age, and work a little every day.

Very nearly the same conditions will be found to exist, if we follow through the occupations of all those committed to the hospital in the course of any one year.

Notwithstanding all these discouragements, I am more than ever convinced of the value of systematic occupation as a powerful curative agent in the treatment of the insane—not manual labor merely, but occupation, manual and mental, which shall employ to the fullest extent consistent with improving health, every mind and every body under the care and control of the institution.

Table No. 16,

Showing the Statistics of the Hospital from January 18, 1833, *to September* 30, 1868.

	1833.	1834.	1835.	1836.	1837.	1838.	1839.	1840.	1841.	1842.	1843.	1844.	1845.	1846.	1847.	1848.	1849.	1850.	1851.
Whole number admitted,	153	119	113	125	168	177	179	162	163	198	220	236	293	277	240	261	273	241	263
Whole number discharged,	39	115	112	106	121	144	168	155	167	191	203	228	196	270	213	246	253	229	238
Discharged recovered,	25	64	52	58	69	76	80	82	82	88	116	124	122	154	103	136	138	125	111
Discharged improved,	7	22	23	17	23	24	29	29	36	25	32	40	25	31	23	32	26	15	38
Discharged not improved,	2	20	28	22	20	28	37	29	37	66	33	49	25	47	57	48	52	32	50
Died,	4	8	8	8	9	16	22	15	12	12	22	15	24	38	30	30	37	57	39
Eloped,	1	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Whole number in hospital during year,	153	233	241	245	306	362	397	391	399	430	458	491	556	637	607	655	682	670	704
Number remaining at end of each year,	114	118	109	138	185	218	229	236	332	238	255	263	360	367	394	409	429	441	466
Males admitted,	96	69	51	65	94	96	80	75	73	107	111	109	164	138	105	128	134	129	125
Females admitted,	57	50	62	60	74	81	99	87	90	91	109	127	129	139	135	133	139	112	138
Males discharged,	19	58	57	56	65	74	66	59	71	96	92	108	85	108	98	105	112	91	98
Females discharged,	15	48	46	41	47	54	80	81	84	83	89	105	87	124	85	111	104	81	101
Males died,	3	5	4	6	6	10	14	9	7	3	8	9	15	20	18	15	19	29	13
Females died,	1	3	4	2	3	6	8	6	5	9	14	6	9	18	12	15	18	28	26
Sent in by courts,	109	55	90	117	129	123	123	106	110	157	152	158	167	143	135	166	206	194	184
Sent in by friends and overseers,	44	64	23	8	39	54	56	56	53	41	68	78	126	134	105	95	67	47	79
Sent in by governor's warrant,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Males recovered,	13	33	27	32	37	45	32	28	37	44	53	56	64	72	48	67	70	60	56
Females recovered,	12	31	25	26	32	31	48	54	45	44	63	68	58	82	55	69	68	65	55
Average number in hospital,	107	117	120	127	163	211	223	229	233	238	244	261	316	359	377	404	420	440	462

TABLE No. 16—Concluded.

	1852.	1853.	1854.	1855.	1856.	1857.	1858.	1859.	1860.	1861.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	Totals.
Whole number admitted,	309	288	299	199	241	271	307	200	215	251	221	215	226	221	289	288	296	8,198
Whole number discharged,	243	300	438	244	201	275	376	184	201	204	204	212	281	224	249	314	269	7,816
Discharged recovered,	103	145	122	109	97	150	127	89	129	131	124	104	130	105	89	158	110	3,825
Discharged improved,	34	36	53	26	46	75	174	52	35	35	39	65	102	58	95	101	92	1,612
Discharged not improved,	61	78	229	79	23	6	41	13	15	8	7	12	16	28	25	12	34	1,385
Died,	45	41	34	27	35	44	34	30	22	30	34	30	33	33	40	43	33	994
Eloped,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
Whole number in hospital during year,	775	820	819	580	577	647	679	501	532	583	600	611	625	565	630	669	651	–
Number remaining at end of each year,	532	520	381	336	376	372	301	317	331	379	396	399	344	341	381	355	382	–
Males admitted,	148	136	125	86	112	126	142	106	105	127	108	114	125	117	163	154	158	4,095
Females admitted,	161	152	174	113	129	145	165	94	110	124	113	101	101	104	126	134	138	4,103
Males discharged,	106	133	198	111	97	132	180	95	102	98	92	117	155	115	142	167	147	3,907
Females discharged,	92	166	240	133	104	143	196	89	99	106	112	94	126	109	107	147	122	3,909
Males died,	20	20	15	13	18	19	18	20	12	14	11	16	17	12	27	26	21	512
Females died,	25	21	19	14	17	25	16	10	10	16	23	14	16	21	13	17	12	482
Sent in by courts,	259	241	230	160	193	182	151	134	158	180	148	143	122	123	191	199	197	2,227
Sent in by friends and overseers,	50	47	57	36	48	89	67	66	57	71	21	71	94	90	87	86	95	2,370
Sent in by governor's warrant,	–	–	12	3	–	–	89	–	–	–	52	1	–	–	1	–	–	158
Males recovered,	55	65	45	50	46	74	55	43	65	63	58	51	70	51	42	86	62	1,853
Females recovered,	48	80	77	59	51	76	72	46	64	68	66	53	60	54	47	72	48	1,972
Average number in hospital,	515	520	430	349	357	387	372	309	324	369	401	398	366	350	368	389	370	323

Table No. 17.

Per Cent.

	1833.	1834.	1835.	1836.	1837.	1838.	1839.	1840.	1841.	1842.	1843.	1844.	1845.	1846.	1847.	1848.	1849.	1850.	1851.
Per cent. of recovery of recent cases, .	–	82	82	84	89	86	90	91	91	91	88	93	89½	79	72	86	84	87	82
Per cent. of recovery of all discharges, .	–	54	46	53	57	52	47	53	49	46	59	54	62½	57	49	55	54	54	46
Per cent. of recovery of old cases, .	–	20	18	19	25	15	17	22	21	16	29	24	31½	28	17	19	24	21	18
Per cent. of admissions of the most prominent causes each year:—																			
Ill health, ...	8	18	21	22	21	28	27	25	23	18	16	15	13	11	17	18	18	7	9
Religious, ...	9	6	7	7	6	9	5	4	4	9	13	9	7	10	6	1	2	4	2
The affections, ...	14	12	17	16	16	15	25	17	13	15	9	10	14	1	12	11	10	8	11
Property, ...	7	11	9	6	6	10	6	5	4	5	7	3	9	5	3	2	4	3	2
Intemperance, ...	25	24	23	15	10	16	8	12	12	8	6	8	10	10	7	5	4	3	4
Masturbation, ...	5	6	7	16	21	6	8	7	6	4	3	2	6	3	2	2	4	3	4
Per cent. of deaths of all in the hospital each year, ...	2.61	3.43	3.31	3.26	2.94	4.42	5.53	3.83	3.00	2.79	4.80	3.50	4.31	5.96	4.94	4.58	5.42	8.50	5.53
Per cent. of deaths of average number of residents each year, ...	3.70	6.80	6.66	6.30	5.50	7.58	9.86	6.55	5.15	5.00	9.00	5.74	7.59	10.55	7.95	7.92	9.00	12.95	8.00

TABLE No. 17—Concluded.

	1852.	1853.	1854.	1855.	1856.	1857.	1858.	1859.	1860.	1861.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	Totals.
Per cent. of recovery of recent cases, .	77	83	80	92	78	76	78	75	92	78	89	74.4	78	73	63	76	54	81.6
Per cent. of recovery of all discharges,	42	46	52	45	48	65	34	48	64	64	61	49.2	60.7	55	40	50	47	51.9
Per cent. of recovery of old cases, .	18	24	29	17	15	30	20	18	19	30	26	21	18	17	10	11	42	21.1
Per cent. of admissions of the most prominent causes each year:—																		
Ill health, ...	9	7	8	10	19	23	17	19	27	27	25	21	15	12	23	29	25	18.6
Religious, ...	3	4	3	4	3	1	–	1	1	1	2	–	–	–	–	–	2	4.9
The affections, ...	6	2	8	5	2	2	5	7	6	7	4	9	3	2	2	1	5	9.4
Property, ...	3	2′	2	1	1	1	1	3	4	2	2	1	1	–	–	1	–	4.0
Intemperance, ...	2	2	4	2	9	9	4	11	9.7	15	9.5	11	1.2	12	6	7	11	9.6
Masturbation, ...	2	4	4	3	3	1	1	5	4.6	5	12	5.1	8	4	3	10	11	5.7
Per cent. of deaths of all in the hospital each year, ...	5.81	5.00	5.58	4.60	6.00	6.80	5.1	6.0	4.6	5.1	5.6	6.5	5.2	6.8	6	6.4	5	4.9
Per cent. of deaths of average number of residents each year, . . .	8.73	7.88	7.90	7.70	9.80	11.00	9.1	9.7	6.4	8.1	8.4	7.5	–	9.3	10	11	9	8.1

TABULAR VIEW

Of the Condition of the Patients in the Hospital, from October 1, 1867, *to September* 30, 1868, *inclusive.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1837											
582	May 26	37	Female	Single	Love affair, . . .	6 months	Private Bond	31 yrs 4 mths	Remains	Not improved	Hereditary.	
	1838											
876	Dec. 28	24	Male	do	Unknown, . . .	3 do	Probate Court	29 yrs 9 mths	do	do	do	
	1839											
895	March 1	30	Female	do	Ill health, . . .	2 do	The Overseers	29 yrs 6 mths	do	Improved	do	
	1840											
1092	April 21	26	do	do	do . . .	6 years	Probate Court	28 yrs 5 mths	do	do		
	1841											
1252	April 29	31	do	Married	do . . .	2 months	Private Bond	28 yrs 5 mths	do	Not improved		
	1842											
1409	Feb. 28	28	Male	Single	Unknown, . . .	1 year	Probate Court	26 yrs 7 mths	do	do		
	1843											
1583	Jan. 14	28	do	do	Masturbation, . .	6 years	do	25 yrs 9 mths	do	Improved	do	Periodical.
1772	Nov. 16	28	do	do	do . . .	7 do	do.	24 yrs 9 mths	do	Not improved		
	1844											
1981	Oct. 2	36	Female	Married	Unknown, . . .	5 do	do	24 yrs	do	Improved		
	1845											
2047	Jan. 8	21	Male	Single	Masturbation, . .	6 do	–	23 yrs 9 mths	do	Not improved		
2220	Aug. 29	28	do	do	Convulsions, . .	5 weeks	Private Bond	23 yrs 1 mth	do	do		
2229	Sept. 8	27	Female	do	Masturbation, . .	2½ years	Probate Court	23 yrs 1 mth	do	Improved	do	do
2280	Nov. 3	30	Male	do	do . . .	5 do	Private Bond	22 yrs 11 mths	do	Not improved	do	
	1846											
2412	April 18	26	do	do	Disappointment, . .	1 week	do	22 yrs 5 mths	do	do		do
2419	May 11	48	do	Married	Unknown, . . .	6 months	do	22 yrs 4 mths	do	Improved	do	Sui. and do
	1847											
2645	April 16	44	Female	do	Domestic affliction, .	2 do	do	21 yrs 5 mths	do	Not improved	do	
	1848											
2981	July 11	24	do	Single	Ill health, . . .	5 years	do	20 yrs 2 mths	do	do		
	1849											
3191	May 12	28	Male	do	Unknown, . . .	4 months	Probate Court	19 yrs 4 mths	do	Improved		
3334	Nov 6	21	Female	do	Ill health, . . .	7 years	do	18 yrs 11 mths	do	Not improved	do	

	1850											
3380	Jan. 23	23	Male	Single	Disappointed affections	6 months	Probate Court	18 yrs 8 mths	Remains	Improved	Hereditary.	
3427	April 2	35	Female	Married	Ill health, . . .	5 years	do	18 yrs 6 mths	do	do	do	
3605	Dec. 11	35	Male	Single	Unknown, . . .	2 do	The Overseers	17 yrs 9 mths	do	do	do	
3613	do 28	23	Female	do	Fever, ...	20 do	Private Bond	17 yrs 9 mths	do	Not improved	do	
	1853											
4395	Sept. 2	39	do	Married	Puerperal, . . .	7 do	The Overseers	15 yrs	Died	Exhaustion		
4414	do 23	35	do	do	do . . .	1 week	do	15 yrs	Remains	Improved	do	Periodical.
4431	Oct. 19	30	do	do	Over-exertion, . .	3 years	Probate Court	14 yrs 11 mths	do	do		
	1854											
4493	Jan. 13	66	Male	Widower	Unknown, . . .	15 do	The Overseers	14 yrs 8 mths	do	do	do	do
4684	Aug. 31	45	do	do	Domestic affliction, .	11 do	Munic'l Court	14 yrs 1 mth	do	do		
4688	Sept. 2	65	do	Single	Unknown, . . .	30 do	The Overseers	14 yrs 1 mth	do	Not improved		
4741	Nov. 16	23	do	do	Masturbation, . .	5 do	do	13 yrs 10 mths	do	do	do	
4746	do 20	42	do	do	Unknown, . . .	6 do	Probate Court	13 yrs 10 mths	do	Improved	do	
	1855											
4832	April 18	44	do	Married	Spiritualism, . .	3 do	do	13 yrs 5 mths	do	do	do	
4851	May 17	40	do	do	do . . .	5 do	do	13 yrs 4 mths	do	do	do	
4882	July 27	28	Female	Single	Ill health, . . .	5 do	do	13 yrs 2 mths	do	do	do	
4959	Dec. 4	39	do	Married	Puerperal, . . .	4 weeks	do	12 yrs 9 mths	do	do		
	1856											
5137	Sept 8	46	Male	do	Unknown, . . .	18 months	do	11 yrs 10 mth	Discharged	do	do	
5157	do 30	20	Female	Single	Masturbation, . .	2 years	The Overseers	12 yrs	Remains	Not improved		
5198	Dec. 3	23	Male	do	Fright, ...	3 do	Probate Court	11 yrs 6 mths	Discharged	Improved		
	1857											
5417	Sept. 19	45	Female	do	Unknown, . . .	2 months	do	11 yrs	Remains	do	do	
5433	Oct. 13	30	Male	do	Masturbation, . .	11 years	The Overseers	11 yrs	do	Not improved	do	do
5450	do 26	47	do	do	Unknown, . . .	21 do	Probate Court	10 yrs 10 mths	Discharged	Improved	do	do
	1858											
5547	April 1	45	Female	Married	Turn of life, . . .	1 year	do	10 yrs 6 mths	Remains	do	Suicidal.	
5560	do 15	30	Male	Single	Religious excitement, .	1 do	Private Bond	10 yrs 5 mths	do	Not improved		
5585	May 12	49	do	Married	do . . .	6 years	Probate Court	9 yrs 9 mths	Discharged	Recovered	Hereditary.	
5599	June 3	52	Female	do	Turn of life, . . .	8 do	Private Bond	10 yrs 5 mths	Remains	Improved		
5602	do 9	25	Male	Single	Masturbation, . .	6 do	The Overseers	10 yrs 4 mths	do	Not improved		
5662	Aug. 25	74	Female	Widow	Old age, . . .	2 do	Probate Court	10 yrs 1 mth	do	Improved		
5673	do 30	38	do	Married	Unknown, . . .	10 do	Gov. Order	10 yrs 1 mth	do	Not improved	do	
5690	do 30	29	Male	Single	Masturbation, . .	9 do	do	10 yrs 1 mth	do	Improved	do	
5691	do 30	45	do	do	Unknown, . . .	22 do	do	10 yrs 1 mth	do	do	do	Periodical.
5694	do 30	45	do	Married	Spiritualism, . .	7 do	do	10 yrs 1 mth	do	do	do	

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal Periodical.
	1858											
5735	Sept. 20	40	Male	Married	Domestic affliction, .	2 years	Probate Court	10 yrs	Remains	Improved		
5759	do 20	40	Female	do	Unknown, . . .	15 do	Gov. Order	10 yrs	do	do		
	1859											
5850	Mar. 14	38	do	do	Unfortunate marriage,	6 weeks	Probate Court	9 yrs 7 mths	do	Not improved	Suicidal.	
5880	April 19	20	Male	Single	Epilepsy, . . .	1 year	Private Bond	9 yrs 5 mths	do	do		
5903	June 4	58	do	Married	Ill health, . . .	9 years	do	9 yrs 4 mths	do	do		
5908	do 10	24	Female	Single	do . . .	2 years	Probate Court	9 yrs 4 mths	do	Improved	Hereditary.	
5909	do 11	42	Male	do	Unknown, . . .	2 do	do	8 yrs 9 mths	Discharged	do		
5962	Aug. 28	43	Female	Married	Domestic affliction, .	3 months	do	9 yrs 1 mth	Remains	do		
6003	Nov. 29	55	Male	do	Epilepsy, . . .	3 years	do	8 yrs 10 mths	do	do		
6007	Dec. 8	29	Female	Single	Fever, ...	10 do	do	8 yrs 10 mths	do	do		
	1860											
6022	Jan. 20	36	Male	do	Loss of property, . .	3 do	do	8 yrs 5 mths	Discharged	do	Suicidal.	
6039	Feb. 14	43	do	Married	Religious excitement, .	3 do	do	8 yrs 8 mths	Remains	do		
6047	do 25	36	do	Single	Masturbation, . .	4 do	The Overseers	8 yrs 7 mths	do	Not improved		
6067	do 25	30	Female	Married	Injury by falling, . .	3 do	Probate Court	8 yrs 6 mths	do	do		
6074	April 10	25	do	do	Measles, . . .	1 year	do	8 yrs 6 mths	do	do	Hereditary.	
6097	May 12	49	do	do	Unknown, . . .	14 years	Private Bond	8 yrs 4 mths	do	Improved		
6144	July 20	18	Male	Single	Masturbation, . .	2 do	The Overseers	8 yrs 2 mths	do	Not improved		
6189	Sept. 22	31	Female	do	Unknown, . . .	6 do	Probate Court	8 yrs	do	do	do	
6196	Oct. 5	25	Male	do	Ill health, . . .	1 year	do	8 yrs	Discharged	Improved		Homicidal.
6217	Nov. 6	40	do	Married	Intemperance, . .	4 days	The Overseers	7 yrs 11 mths	Remains	Not improved		
6225	do 15	35	Female	do	Unknown, . . .	3 years	Private Bond	7 yrs 11 mths	do	do		
	1861											
6273	Feb. 12	65	Male	do	Epilepsy, . . .	3 do	Probate Court	7 yrs 6 mths	Died	Epilepsy		Periodical
6301	Mar. 19	46	do	do	Unknown, . . .	1 week	Police Court	7 yrs 3 mths	Discharged	Improved	Suicidal.	
6310	April 8	21	do	Single	Epilepsy, . . .	6 months	Probate Court	7 yrs 6 mths	Remains	Not improved	Hereditary.	
6325	May 4	62	Female	do	Spiritualism, . .	1 year	Private Bond	7 yrs 5 mths	do	do		
6350	do 31	46	do	do	Epilepsy, . . .	1 do	Probate Court	7 yrs 4 mths	do	do		Periodical.
6354	June 4	38	do	Married	Unknown, . . .	3 years	The Overseers	7 yrs 4 mths	do	do		do
6382	July 4	40	do	do	do . . .	12 do	Probate Court	6 yrs 3 mths	Died	Consumption		
6390	do 18	46	Male	Single	do . . .	18 do	do	6 yrs 4 mths	Discharged	Improved		
6423	Aug. 23	60	Female	do	do . . .	20 do	Private Bond	7 yrs 1 mth	Remains	do		

6446	Oct. 4	62	Female	Widow	Domestic affliction, .	3 years	Probate Court	7 yrs		Remains	Improved		
6448	do 7	21	do	Single	Unknown, . . .	12 do	do	7 yrs		do	do		
6458	do 21	27	do	do	Disappointed ambition	1 year	do	6 yrs	11 mths	do	do		
6493	Dec. 2	49	Male	Married	Unknown, . . .	14 years	The Overseers	6 yrs	10 mths	do	do	Hereditary.	Periodical.
6502	do 19	35	Female	do	do . . .	7 do	Private Bond	6 yrs	9 mths	do	do		
6506	do 24	35	do	Single	do . . .	4 do	Probate Court	6 yrs	9 mths	do	do		
	1862												
6512	Jan. 8	32	Male	do	Epilepsy, . . .	10 do	do	6 yrs	9 mths	do	do		
6557	Mar. 21	27	do	do	Unknown, . . .	5 do	Private Bond	6 yrs	5 mths	Discharged	Not improved		
6558	do 21	30	do	do	Epilepsy, . . .	5 do	do	6 yrs	6 mths	Remains	do		
6580	do 26	24	do	Married	Ill health, . . .	3 weeks	do	6 yrs	5 mths	do	Improved		
6581	do 26	51	Female	do	Epilepsy, . . .	10 years	do	6 yrs	5 mths	do	Not improved		
6582	May 2	73	Male	do	Unknown, . . .	3 do	do	6 yrs	5 mths	do	Improved	do	
6591	do 22	60	do	do	do . . .	1 do	The Overseers	6 yrs	4 mths	do	do		
6597	June 2	36	Female	Single	Epilepsy, . . .	from birth	Private Bond	6 yrs	4 mths	do	Not improved	do	
6603	do 10	53	do	Married	Turn of life, . . .	2 years	do	6 yrs	4 mths	do	Improved		
6630	July 18	35	Male	Single	Unknown, . . .	9 do	Probate Court	6 yrs	2 mths	do	do		
6633	do 21	63	do	Married	Epilepsy, . . .	15 do	do	5 yrs	7 mths	Died	Epilepsy		
6640	Aug. 1	50	do	do	Ill health, . . .	3 do	do	6 yrs	2 mths	Remains	Not improved		
6664	Oct. 2	29	do	Single	Unknown, . . .	5 do	do	6 yrs		do	do		
6693	Nov. 28	45	do	do	Fright, . . .	25 do	The Overseers	5 yrs	10 mths	do	Improved		
6704	Dec. 19	58	do	do	Epilepsy, . . .	1 month	Probate Court	5 yrs	9 mths	do	Not improved	do	do
6707	do 22	45	Female	do	Unknown, . . .	4 years	do	5 yrs	9 mths	do	do		
6709	do 23	34	do	Married	do . . .	4 do	do	4 yrs	11 mths	Discharged	Improved	Suicidal.	Homicidal.
6710	do 23	53	do	Single	do . . .	7 do	Private Bond	5 yrs	9 mths	Remains	Not improved		
	1863												
6724	Jan. 20	38	Male	do	do . . .	1 year	The Overseers	5 yrs	8 mths	do	Improved	Hereditary.	Periodical.
6746	Mar. 3	40	Female	do	do . . .	10 years	do	5 yrs	7 mths	do	do		
6748	do 5	25	Male	do	Intemperance, . .	2 do	Probate Court	5 yrs	14 dys	Discharged	do	Suicidal.	Homicidal.
6754	do 18	34	Female	Married	Gestation, . . .	2 do	do	5 yrs	3 mths	do	do		do
6777	May 6	34	do	do	Unknown, . . .	10 do	do	5 yrs	5 mths	Remains	Not improved		
6795	do 20	53	Male	do	do . . .	Unknown	Private Bond	4 yrs	10 mths	Discharged	Improved	Hereditary.	
6810	June 12	42	Female	Single	do . . .	7 years	do	5 yrs	3 mths	Remains	do		
6812	do 17	25	Male	do	Epilepsy, . . .	8 months	The Overseers	5 yrs	3 mths	do	Not improved		
6823	July 6	35	do	do	do . . .	2 weeks	Probate Court	5 yrs	2 mths	do	do		
6828	do 31	43	do	Married	Loss of property, . .	4 months	do	5 yrs	2 mths	do	Improved	Suicidal.	
6833	Aug. 4	61	do	do	do . . .	2 years	Private Bond	5 yrs	1 mth	do	Not improved	Hereditary.	
6847	do 24	40	Female	do	Puerperal, . . .	1 year	do	5 yrs	1 mth	do	Improved	do	Periodical.
6880	Oct. 5	40	Male	Single	Intemperance, . .	6 months	Probate Court	5 yrs		do	do		

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1863											
6889	Oct 24	68	Female	Widow	Old age, . . .	2 months	Probate Court	4 yrs 2 mths	Discharged	Improved		
6896	do 31	50	do	Single	Masturbation, . .	20 years	do	4 yrs 11 mths	Remains	do		
6905	do 31	55	Male	do	Unknown, . . .	3 weeks	do	4 yrs 10 mths	do	do		Homicidal.
6911	Dec. 2	44	do	do	do . . .	20 years	Private Bond	4 yrs 10 mths	do	Not improved		
6912	do 4	27	Female	do	do . . .	20 do	do	4 yrs 10 mths	do	do		
6915	do 5	28	Male	do	Hard study, . . .	3 do	Board of S. C.	4 yrs 10 mths	do	Improved		
6919	do 12	37	Female	Widow	Ill health, . . .	3 months	Private Bond	4 yrs 10 mths	do	Not improved		Periodical.
6920	do 15	45	do	Married	Hard work, . . .	15 years	do	4 yrs 3 mths	Discharged	Improved		
6921	do 16	45	Male	do	Epilepsy, . . .	1½ do	The Overseers	3 yrs 9 mths	Died	Epilepsy		
6927	do 28	72	do	do	Old age, . . .	2 months	Probate Court	4 yrs 8 mths	do	Paralysis	Suicidal.	
	1864											
6938	Jan. 8	19	Female	Single	Unknown, . . .	2 years	The Overseers	4 yrs 9 mths	Remains	Not improved		
6968	Mar. 5	40	do	Married	Ill health, . . .	8 months	Probate Court	4 yrs 27 dys	Discharged	Improved		
6971	do 14	38	do	do	Unknown, . . .	1 month	do	4 yrs 3 mths	do	do		
6977	do 21	35	Male	Single	do . . .	10 years	do	4 yrs 1 mth	do	do		
6981	do 25	27	Female	Widow	Epilepsy, . . .	2 do	do	4 yrs 6 mths	Remains	do		
6985	April 2	58	do	Married	Unknown, . . .	17 do	Private Bond	4 yrs 6 mths	do	do		
7003	May 6	20	do	Single	do . . .	6 do	Probate Court	4 yrs 1 mth	Discharged	do		Homicidal.
7008	do 11	40	Male	Married	Intemperance, . .	6 do	Private Bond	4 yrs 5 mths	Remains	do		
7010	do 12	16	do	Single	Epilepsy, . . .	2 do	do	4 yrs 5 mths	do	Not improved		
7030	June 24	36	Female	Married	Unknown, . . .	1 month	The Overseers	4 yrs 3 mths	do	Improved		
7036	July 5	26	do	do	Puerperal, . . .	1 year	Probate Court	3 yrs 4 mths	do	do	do	
7045	do 13	31	do	Single	Unknown, . . .	4 years	do	4 yrs 3 mths	do	do	Hereditary.	
7053	do 20	35	do	do	Ill health, . . .	10 do	The Overseers	4 yrs 1 mth	do	Not improved	Suicidal.	
7060	do 30	21	Male	do	Masturbation, . .	3 weeks	Private Bond	4 yrs 2 mths	do	Improved	Hereditary.	
7061	Aug. 1	55	do	do	do . . .	22 years	do	4 yrs 2 mths	do	do		
7062	do 1	31	do	do	Ill health, . . .	3 months	Probate Court	3 yrs 10 mths	Discharged	do		
7063	do 2	31	do	do	Epilepsy, . . .	10 years	Private Bond	4 yrs 1 mth	Remains	Not improved		
7064	do 4	20	Female	do	Ill health, . . .	7 months	Probate Court	4 yrs 1 mth	do	Improved	do	Periodical.
7068	do 9	45	do	do	Unknown, . . .	1½ years	Private Bond	4 yrs 1 mth	do	do	do	do
7069	do 10	43	do	Married	Ill health, . . .	5 months	Probate Court	4 yrs 1 mth	do	do	Suicidal.	
7071	do 12	65	do	Widow	Paralysis, . . .	7 years	do	3 yrs 8 mths	Discharged	Recovered		
7088	Sept. 1	35	do	Single	Unknown, . . .	1 week	do	4 yrs 1 mth	Remains	Improved		do

7100	Sept. 21	53	Female	Married	Turn of life, . . .	3 years	Private Bond	4 yrs	9 dys	Remains	Not improved		
7111	Oct. 13	50	do	do	Unknown, . . .	3 months	The Overseers	2 yrs	11 mths	Discharged	Recovered		
7112	do 18	66	Male	do	Intemperance, . .	15 do	Private Bond	3 yrs	13 dys	Remains	Improved		
7113	do 19	24	do	Single	Unknown, . . .	1 year	do	3 yrs	12 dys	do	Not improved		
7116	do 21	43	Female	Married	do . . .	14 years	do	3 yrs	10 dys	do	do		
7123	do 29	28	do	do	Ill health, . . .	2 months	Probate Court	3 yrs	4 mths	Discharged	Improved		
7136	do 22	45	Male	Single	Unknown, . . .	Unknown	Board of S. C.	3 yrs	7 mths	do	do		Homicidal.
7137	do 23	25	Female	do	Ill health, . . .	1 week	Probate Court	3 yrs	15 dys	do	do		
7145	Dec. 9	68	Male	Married	Intemperance, . .	5 years	do	3 yrs	9 mths	Remains	Not improved		Periodical.
7149	do 13	70	Female	Widow	Unknown, . . .	1 week	Private Bond	3 yrs	9 mths	do	Improved		Homicidal.
	1865												
7163	Jan. 6	21	do	Single	Injury of head, . .	5 years	Probate Court	3 yrs	8 mths	do	Not improved		
7165	do 11	48	Male	do	Ill health, . . .	1 month	The Overseers	3 yrs	8 mths	do	do	Suicidal.	do
7169	do 20	33	Female	do	do . . .	3 months	Probate Court	3 yrs	8 mths	do	do		do
7173	do 26	45	do	do	Unknown, . . .	4 years	do	3 yrs	8 mths	do	do	Hereditary.	
7184	Feb. 22	26	Male	Married	do . . .	5 do	do	3 yrs	7 mths	do	do	do	do
7186	do 24	20	Female	Single	Ill health, . . .	6 months	do	3 yrs	7 mths	do	do		Periodical.
7196	Mar. 8	27	Male	do	Epilepsy, . . .	5 years	Private Bond	3 yrs	7 mths	do	do		
7221	April 19	32	do	do	do . . .	32 do	Probate Court	3 yrs	5 mths	do	Improved		
7225	do 24	40	Female	Married	Intemperance, . .	2 months	The Overseers	3 yrs	5 mths	do	Not improved		
7227	do 28	30	do	do	Puerperal, . . .	6 do	Probate Court	3 yrs	5 mths	do	do		
7235	May 11	45	do	Single	Unknown, . . .	26 weeks	Private Bond	3 yrs	4 mths	do	Improved		
7238	do 17	40	Male	do	Masturbation, . .	12 years	The Overseers	3 yrs	2 mths	Discharged	do		
7253	June 5	62	do	Widower	Ill health, . . .	3 months	Probate Court	3 yrs	3 mths	Remains	do		
7254	do 7	28	do	Single	do . . .	8 do	do	2 yrs	9 mths	Discharged	do		
7291	Aug. 5	69	do	Married	Intemperance, . .	15 years	do	3 yrs	1 mth	Remains	Not improved		Homicidal.
7294	do 9	17	do	Single	Epilepsy, . . .	2½ do	do	3 yrs	1 mth	do	do		
7298	do 14	24	do	do	Unknown, . . .	3 do	do	3 yrs	1 mth	do	do		
7306	Sept. 1	70	do	Widower	Ill health, . . .	1½ do	Private Bond	3 yrs	1 mth	do	do		
7313	do 7	30	Female	Single	Unknown, . . .	1 week	Probate Court	3 yrs	23 dys	do	do		do
7341	Oct. 24	22	do	do	Epilepsy, . . .	5 years	do	2 yrs	11 mths	do	Improved		
7342	do 25	33	Male	do	Ill health, . . .	6 months	do	2 yrs	11 mths	do	do		
7356	Nov. 11	24	do	do	Masturbation, . .	3 do	do	2 yrs	20 ds	do	do		
7367	do 24	41	do	Married	Paralysis, . . .	2 weeks	do	2 yrs	11 mths	do	Not improved		
7375	Dec. 2	33	Female	Single	Unknown, . . .	4 do	do	2 yrs	6 mths	Discharged	Improved		Periodical.
7376	do 2	27	do	Married	Puerperal, . . .	2 do	do	2 yrs	11 mths	Remains	do		
7384	do 8	25	do	Single	Disappointment in love,	6 months	do	2 yrs	24 dys	do	do		
7387	do 9	69	do	Widow	Intemperance, . .	1 month	Private Bond	2 yrs	9 mths	do	do		
7394	do 23	40	Male	Married	Taking cold, . .	6 months	Probate Court	2 yrs	2 mths	Died	Paralysis	do	

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1866											
7403	Jan. 8	28	Male	Single	Epilepsy, . . .	4 months	The Overseers	2 yrs 8 mths	Remains	Not improved		
7410	do 12	65	do	Married	do . . .	10 years	Private Bond	2 yrs 8 mths	do	Improved	Suicidal.	
7421	do 27	60	do	do	Unknown, . . .	6 months	Probate Court	2 yrs 8 mths	do	do		Homicidal.
7425	Feb. 5	54	do	do	Ill health, . . .	4 do	The Overseers	2 yrs 7 mths	do	do		
7431	do 12	42	do	Single	Masturbation, . .	2 years	Probate Court	2 yrs 7 mths	do	Not improved		do
7436	do 14	26	Female	do	do . . .	3 do	Private Bond	2 yrs 7 mths	do	do	Hereditary.	
7446	Mar. 5	52	Male	Married	Paralysis, . . .	3 weeks	Sup. Court	2 yrs 1 mth	Died	Paralysis		
7467	April 6	32	do	Single	Pecuniary trouble, .	3 do	Private Bond	2 yrs 5 mths	Remains	Improved		
7481	May 4	29	do	do	Unknown, . . .	3 do	do	1 yr 8 mths	Discharged	Recovered	do	Suicidal.
7482	do 5	33	Female	Married	do . . .	3 days	Probate Court	1 yr 10 mths	do	Improved		
7485	do 7	42	do	Single	Ill health, . . .	20 years	do	2 yrs 4 mths	Remains	do		
7488	do 11	39	Male	Married	Disease of brain, . .	1 year	do	1 yr 4 mths	Died	Paralysis		
7491	do 14	16	Female	Single	Epilepsy, . . .	5 years	do	2 yrs 4 mths	Remains	Not improved		
7494	do 17	35	Male	do	Unknown, . . .	5 do	do	2 yrs 4 mths	do	Improved	do	Homicidal.
7502	do 29	45	Female	Widow	Death of husband, .	5 do	The Overseers	1 yr 6 mths	Discharged	do		
7504	June 3	26	Male	Single	Unknown, . . .	3 weeks	Probate Court	1 yr 10 mths	Died	Cong. of brain		
7506	do 6	60	do	Married	Intemperance, . .	8 months	do	1 yr 11 mths	Discharged	Improved	Hereditary.	
7507	do 6	50	do	do	Ill health, . . .	3 do	Sup. Court	2 yrs 3 mths	Remains	do		
7508	do 7	29	Female	Single	Congenital, . . .	16 years	The Overseers	2 yrs 3 mths	do	do	do	
7509	do 9	36	Male	do	Ill health, . . .	1 year	Probate Court	2 yrs 3 mths	do	do		
7510	do 9	76	Female	do	do . . .	27 years	do	2 yrs 3 mths	do	do		
7515	do 12	40	Male	do	Paralysis, . . .	7 months	do	1 yr 11 mths	Discharged	do		
7517	do 15	43	do	do	Ill health, . . .	3 weeks	do	2 yrs 3 mths	Remains	Not improved		
7524	do 20	24	do	do	Masturbation, . .	1 month	Private Bond	2 yrs 3 mths	do	Improved		
7532	do 29	23	Female	do	Epilepsy, . . .	7 years	Probate Court	1 yr 4 mths	Discharged	do		
7536	do 30	50	do	do	Unknown, . . .	6 do	do	2 yrs 28 mths	do	do	do	
7538	July 1	52	Male	do	Intemperance, . .	10 do	do	2 yrs 3 mths	Remains	do		
7550	do 12	61	do	Married	Pecuniary trouble, .	3 do	Private Bond	2 yrs 2 mths	do	do		
7568	Aug. 2	73	do	Widower	Old age, . . .	1 year	The Overseers	2 yrs 1 mth	do	Not improved		
7571	do 7	63	Female	Widow	Domestic trouble, .	3 years	Probate Court	1 yr 10 mth	Discharged	Improved		
7579	do 15	35	Male	Single	Ill health, . . .	1 week	do	1 yr 10 mth	do	do		
7583	do 22	21	Female	do	Unknown, . . .	6 months	do	9 yrs	do	do		
7589	Sept. 1	35	do	do	Ill health, . . .	2 years	do	2 yrs 1 mth	Remains	do		

7590	Sept. 1	25	Female	Married	Puerperal, . . .	2 months	Probate Court	2 yrs 1 mth	Remains	Improved			
7595	do 6	17	Male	Single	Masturbation, . .	4 years	Private Bond	2 yrs 25 dys	do	do			
7600	do 12	22	do	Married	do . . .	1 month	Probate Court	2 yrs 19 dys	do	do			
7602	do 13	41	do	do	Paralysis, . . .	12 years	Private Bond	1 yr 6 mths	Discharged	do			
7607	do 17	56	do	Single	Unknown, . . .	2 weeks	do	1 yr 1 mth	do	Recovered			Homicidal.
7609	do 19	35	do	Married	Ill health, . . .	8 months	Probate Court	2 yrs 12 dys	Remains	Improved			
7616	do 9	65	do	do	Paraylsis, . . .	3 years	Private Bond	1 yr 2 mths	Discharged	do			
7618	do 12	17	Female	Single	Unknown, . . .	1 month	Probate Court	1 yr 2 mths	do	do			
7619	do 12	19	Male	do	Masturbation, . .	4 months	do	1 yr 11 mths	Remains	do			
7622	do 16	36	Female	Married	Paralysis, . . .	1½ years	Private Bond	1 yr 4 mths	Died	Palsy			
7624	Oct. 18	30	Male	Single	Epilepsy, . . .	Unknown	The Overseers	1 yr 11 mths	Remains	Improved			
7632	Nov. 1	36	Female	do	Ill health, . . .	4 months	Private Bond	11 mths 7 dys	Discharged	do	Suicidal.		
7634	do 5	33	Male	do	do . . .	1 week	do	1 yr 10 m 26 d	Remains	do			Periodical.
7640	do 10	45	Female	Married	Unknown, . . .	7 do	Probate Court	1 yr 7 mths	Discharged	do			
7645	do 21	66	do	Widow	do . . .	20 years	do	1 yr 10 mths	Remains	do			
7646	do 21	57	do	Married	Turn of life, . . .	11 do	Private Bond	1 yr 10 mths	do	Not improved			do
7652	do 26	45	do	do	Intemperance, . .	3 months	Probate Court	I yr 10 mths	do	Improved	do		Homicidal.
7660	Dec. 7	76	do	Widow	Unknown, . . .	22 years	Private Bond	1 yr 9 mths	do	Not improved			
7662	do 10	38	do	Single	Ill health, . . .	2 weeks	Probate Court	5 mths 13 dys	Discharged	Improved			
7665	do 12	22	do	do	Unknown, . . .	6 months	do	1 yr 7 dys	do	Recovered	Hereditary.		
7666	do 12	37	do	do	do . . .	2 years	do	1 yr 6 mths	do	Improved			
7675	do 22	22	Male	do	Epilepsy, . . .	20 do	The Overseers	1 yr 7 mths	do	do			
7677	do 24	26	Female	Married	Unknown, . . .	3 weeks	Probate Court	1 yr 9 mths	Remains	Not improved			
7680	do 26	53	Male	do	do . . .	3 do	do	9 mths 5 dys	Discharged	Improved	do		Periodical.
	1867												
7682	Jan. 1	45	do	Single	Masturbation, . .	29 years	Sup. Court	1 yr 9 mths	Remains	do			
7683	do 1	19	Female	Married	do . . .	8 months	Probate Court	9 mths	Discharged	do			
7685	do 5	62	do	do	Domestic affliction, .	5 years	The Overseers	1 yr 2 mths	do	Recovered			
7686	do 6	40	do	do	Ill health, . . .	1 week	Probate Court	10 mths 18 dys	do	Improved	do		
7694	do 24	57	Male	Single	Masturbation, . .	2 years	do	1 yr 3 mths	do	do	do		
7695	do 24	45	do	do	Ill health, . . .	3 months	do	10 mths 15 dys	do	Recovered			
7696	do 25	40	do	do	Masturbation, . .	5 years	do	1 yr 4 mths	Died	Consumption			Homicidal.
7702	Feb. 4	30	do	do	Unknown, . . .	6 months	The Overseers	1 yr 7 mths	Remains	Improved	do		
7706	do 7	40	do	do	Intemperance, . .	1 week	Probate Court	1 yr 1 mth	Discharged	Not improved			Periodical.
7707	do 8	23	Female	Married	Gestation, . . .	18 months	do	1 yr 2 mths	do	do			
7708	do 8	35	do	Single	Ill health, . . .	3 years	do	1 yr 2 mths	do	do	Suicidal.		
7720	do 20	29	Male	do	Intemperance, . .	1 week	do	1 yr 7 mths	Remains	do			
7724	do 25	45	do	Married	Ill health, . . .	1 do	do	1 yr 7 mths	do	Improved			
7726	do 25	35	do	do	Unknown, . . .	Unknown	do	17 dys	Discharged	do			

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1867											
7730	Feb. 28	40	Male	Single	Ill health, . . .	1 week	Probate Court	1 yr 7 mths	Remains	Improved		
7731	Mar. 1	67	Female	Widow	Unknown, . . .	3 months	Private Bond	7 mths 8 dys	Discharged	Recovered	Suicidal.	Periodical.
7735	do 6	65	Male	Married	Paralysis, . . .	18 do	Probate Court	1 yr 6 mths	Remains	Not improved		Homicidal.
7740	do 13	48	do	do	Unknown, . . .	3 years	do	1 yr 6 mths	do	Improved		
7746	do 27	40	do	do	Ill health, . . .	2 weeks	do	1 yr 5 dys	Discharged	Recovered		
7747	do 27	56	Female	do	do . . .	5 years	The Overseers	1 yr 6 mths	Remains	Not improved	Hereditary.	
7753	April 1	55	do	do	Domestic trouble, .	2 do	Probate Court	11 mths 13 dys	Discharged	do		
7754	do 1	36	do	Widow	Ill health, . . .	10 months	do	1 yr 6 mths	Remains	Improved	Suicidal.	
7756	do 1	30	Male	Single	Masturbation, . .	10 do	do	11 mths 19 dys	Discharged	do		
7760	do 8	58	Female	Widow	Puerperal, . . .	25 years	Private Bond	1 yr 5 mths	Remains	do		
7761	do 9	57	Male	Married	Epilepsy, . . .	29 do	The Overseers	1 yr 5 mths	do	Not improved		
7762	do 10	37	Female	Single	Religious excitement, .	4 do	Probate Court	1 yr 2 mths	Discharged	Improved		
7768	do 18	48	Male	Married	Masturbation, . .	12 do	Private Bond	7 mths 22 dys	do	Recovered		Periodical.
7770	do 25	29	Female	Single	Unknown, . . .	15 do	Probate Court	6 mths 23 dys	do	Improved		
7771	do 26	50	Male	Married	Ill health, . . .	2 do	do	1 yr 5 mths	Remains	Not improved		
7772	do 27	53	do	Single	Unknown, . . .	20 do	do	5 mths 18 dys	Discharged	Improved	Homi. and	do
7773	do 30	42	do	Married	Intemperance, . .	1 week	do	8 mths	do	Recovered	do	do
7775	May 2	26	do	Single	Masturbation, . .	1 month	do	6 mths	do	Improved		
7777	do 2	47	Female	do	Domestic affliction, .	15 years	do	1 year	do	Recovered		do
7780	do 7	52	Male	Widow	Domestic trouble, .	12 do	Private Bond	10 mths 28 dys	do	do		do
7781	do 8	36	do	Married	Intemperance, . .	1 month	Probate Court	1 yr 4 mths	Remains	Not improved	Suicidal.	
7783	do 10	50	do	do	do . .	12 years	do	1 yr 1 mth	Discharged	do		
7784	do 10	45	do	Single	Masturbation, . .	9 do	The Overseers	1 yr 4 mths	Remains	do	Hereditary.	
7785	do 10	33	Female	Married	Domestic affliction, .	8 do	Private Bond	9 mths 4 dys	Discharged	Improved		
7786	do 10	39	Male	do	Intemperance, . .	6 do	Probate Court	1 yr 3 mths	do	do		
7790	do 13	57	do	Single	Unknown, . . .	1 week	Private Bond	11 mths 11 dys	do	do		do
7791	do 14	47	Female	do	Ill health, . . .	8 years	do	1 yr 4 mths	Remains	do		
7793	do 16	78	do	do	Old age, . . .	6 do	do	1 yr 4 mths	do	Not improved	do	
7794	do 17	45	do	Married	Turn of life, . . .	6 months	do	1 yr 6 dys	Discharged	Improved		
7795	do 17	35	Male	Single	Fever, ...	3 years	Probate Court	1 yr 4 mths	Remains	do		
7796	do 18	48	Female	Married	Turn of life, . .	4 weeks	Private Bond	10 mths 14 dys	Discharged	do	Suicidal.	
7798	do 21	73	Male	Single	Unknown . . .	63 years	do	1 yr 4 mths	Remains	Not improved		
7799	do 23	85	Female	Widow	Old age, . . .	4 do	The Overseers	1 yr 4 mths	do	do		

7804	May	28	42	Female	Married	Turn of life,	6 weeks	Probate Court	8 mths 4 dys	Discharged	Recovered		
7805	June	1	60	do	do	Ill health,	4 months	do	10 mths 13 dys	do	do	Hereditary.	
7807	do	1	32	do	do	Puerperal,	1 week	do	4 mths	do	Improved		
7812	do	5	49	Male	do	Unknown,	2 months	do	5 mths 20 dys	do	do		
7813	do	6	70	do	do	do	9 do	Private Bond	1 yr 3 mths	Remains	Not improved	do	
7814	do	6	25	Female	Single	do	10 years	The Overseers	1 yr 3 mths	do	do	do	
7816	do	11	46	Male	Married	Intemperance,	1 month	Probate Court	9 mths 5 dys	Discharged	Recovered		
7817	do	11	38	Female	do	Ill health,	10 months	do	1 yr 3 mths	Remains	Improved		
7818	do	12	27	do	Single	Masturbation,	5 years	The Overseers	10 mths	Discharged	do	do	
7820	do	13	38	Male	Widower	Ill health,	1 week	do	2 mths 18 dys	do	do	do	
7826	do	24	22	do	Single	Epilepsy,	6 months	Probate Court	3 mths 7 dys	do	do		
7829	do	26	52	Female	Widow	Ill health,	4 years	do	8 mths 18 dys	do	do		
7830	do	29	19	Male	Single	Masturbation,	2 months	do	3 mths 12 dys	do	Recovered		
7832	do	29	81	Female	Widow	Old age,	1 year	do	10 mths 12 dys	Died	Paralysis		
7837	July	1	23	Male	Single	Masturbation,	1½ years	do	8 mths 27 dys	Discharged	Recovered		
7839	do	2	21	do	do	do	2 months	do	1 yr 2 mths	Remains	Not improved		
7843	do	6	14	Female	do	Epilepsy,	2 do	do	3 mths 8 dys	Discharged	Improved		
7844	do	9	34	do	Widow	Spinal disease,	5 weeks	do	4 mths 13 dys	do	Recovered		Periodical.
7845	do	10	54	do	do	Unknown,	14 years	do	1 yr 2 mths	Remains	Improved		
7846	do	10	38	do	Married	Ill health,	2 months	do	1 yr 2 mths	do	do	Suicidal.	
7847	do	10	38	Male	do	Fall,	2 do	do	3 mths 19 dys	Died	Paralysis		
7848	do	10	34	do	Single	Intemperance,	1 year	do	4 mths 16 dys	Discharged	Improved		
7849	do	10	70	Female	do	Injury to head,	3 weeks	Private Bond	1 yr 2 mths	Remains	do		do
7852	do	12	67	do	Married	Ill health,	11½ years	do	4 mths 20 dys	Discharged	Recovered		do
7854	do	13	32	do	Single	Unknown,	7 do	The Overseers	1 yr 2 mths	Remains	Improved		
7855	do	18	25	do	do	Puerperal,	2 weeks	Probate Court	5 mths 10 dys	Discharged	do		
7856	do	26	31	Male	do	Ill health,	4 years	do	10 mths	do	Recovered	Homicidal and Sui.	
7857	do	26	18	Female	do	Unknown,	1 week	do	4 mths 20 dys	do	do	Hereditary.	
7858	do	26	23	do	Married	do	1 do	do	2 mths 26 dys	do	do		
7859	do	27	48	do	do	do	10 years	Private Bond	8 mths	do	Improved	do Sui.	Periodical.
7860	do	29	45	do	do	Ill health,	1 year	Probate Court	1 yr 2 mths	Remains	Not improved	Suicidal.	
7861	do	29	40	do	do	Turn of life,	4 years	do	1 yr 2 mths	do	do	do	
7865	do	31	72	do	Widow	Old age,	7 months	do	1 yr 2 mths	do	do		
7867	Aug.	2	27	Male	Single	Intemperance,	18 do	do	8 mths	Discharged	Improved		Homicidal.
7868	do	2	41	do	Married	Paralysis,	5 years	do	1 yr 1 mth	Died	Paralysis		
7870	do	3	50	Female	do	Turn of life,	5 do	do	2 mths 9 dys	Discharged	Improved		
7871	do	3	24	do	Single	Ill health,	1 week	do	1 yr 1 mth	Remains	Not improved		
7872	do	6	22	Male	do	do	2 weeks	do	4 mths 26 dys	Discharged	Recovered		
7874	do	12	23	do	do	Epilepsy,	3 do	The Overseers	3 mths 25 dys	do	do		

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary	Homicidal. Periodical.
	1867											
7875	Aug. 12	40	Male	Single	Unknown, . . .	Unknown	Probate Court	2 mths 14 dys	Discharged	Improved		
7876	do 12	22	Female	do	do . . .	2 months	do	4 mths 28 dys	do	do		
7877	do 14	24	Male	do	Intemperance, . .	3 do	Board of S. C.	1 yr 1 mth	Remains	Not improved		
7878	do 14	47	Female	Married	Turn of life, . .	3 do	Probate Court	1 yr 1 mth	do	do		Periodical.
7879	do 15	24	Male	Single	Disappointment in love,	6 weeks	Private Bond	3 mths 28 dys	Discharged	Improved		
7880	do 17	36	Female	Married	Puerperal, . . .	2 do	do	1 yr 1 mth	Remains	do		do
7881	do 19	53	do	Widow	Turn of life, . .	2 do	Probate Court	1 yr 1 mth	do	Not improved		
7882	do 19	34	Male	Married	Intemperance, . .	4 years	do	1 yr 1 mth	do	do		
7883	do 21	30	do	Single	do . .	6 months	The Overseers	3 mths 22 dys	Discharged	Improved		do
7885	do 22	25	Female	Married	Ill health, . . .	3 weeks	Private Bond	5 mths 16 dys	do	Recovered		
7886	do 23	35	Male	do	Intemperance, . .	1 week	Probate Court	1 yr 1 mth	Remains	Improved		
7887	do 24	38	Female	do	Unknown, . . .	1 do	do	1 yr 1 mth	do	do		
7888	do 28	28	do	Single	Ill health, . . .	5 months	do	8 mths 12 dys	Discharged	do		
7889	do 30	13	do	do	Sun stroke, . . .	7 weeks	do	7 mths 23 dys	do	Recovered	Suicidal.	
7890	Sept. 2	40	do	Widow	Domestic affliction, .	1 year	do	10 mths	do	Improved		
7892	do 5	40	do	Married	do . . .	1 do	do	1 mth 4 dys	do	Recovered		
7893	do 8	55	do	do	Ill health, . . .	2 weeks	do	1 mth	do	do	Hereditary and	do
7894	do 10	42	Male	Single	Spiritualism, . .	2 do	do	1 mth 29 dys	Died	Exhaustion	Suicidal.	
7895	do 16	58	Female	Widow	Domestic affliction, .	5 do	Private Bond	6 mths 16 dys	Discharged	Not improved		
7896	do 16	38	do	Married	Ill health, . . .	4 years	The Overseers	1 yr 15 dys	Remains	do	Hereditary.	
7897	do 19	40	Male	Single	Unknown, . . .	1 month	Board of S. C.	7 mths 8 dys	Discharged	Recovered		Homicidal.
7898	do 19	29	do	do	Intemperance, . .	4 years	Probate Court	1 yr 12 dys	Remains	Not improved		
7899	do 24	76	do	Married	Old age, . . .	3 do	Private Bond	7 mths 21 dys	Discharged	Improved	do	
7900	do 24	31	Female	Single	Unknown, . . .	6 months	Probate Court	1 yr 7 dys	Remains	Not improved		do
7901	do 28	25	Male	do	Masturbation, . .	2 years	Private Bond	5 mths 27 dys	Discharged	Improved		
7902	do 29	39	do	Widower	Intemperance, . .	1½ do	Probate Court	1 mth	do	do		
7903	Oct. 1	54	do	Married	Ill health, . . .	10 months	do	1 yr	Remains	Not improved		
7904	do 1	19	Female	do	Masturbation, . .	19 do	do	1 yr	do	Improved		
7905	do 1	32	do	do	Puerperal, . . .	4 do	do	1 yr	do	do		
7906	do 1	22	Male	Single	Epilepsy, . . .	9 do	do	5 mths 12 dys	Discharged	do		
7907	do 3	50	do	Married	Intemperance, . .	2 weeks	do	7 mths 3 dys	do	Recovered		do
7908	do 3	28	Female	do	Unknown, . . .	13 years	The Overseers	8 mths 21 dys	do	Improved		Periodical.
7909	do 8	30	do	do	Domestic trouble, .	4 do	Probate Court	5 mths 24 dys	do	Recovered		

7910	Oct.	8	24	Female	Single	Ill health, . . .	1 week	Probate Court	7 mths	Discharged	Not improved			Periodical.
7911	do	8	40	do	do	Intemperance, . .	1 month	do	18 dys	do	Improved			
7912	do	10	40	do	Widow	do . . .	2 months	do	2 mths 25 dys	do	Recovered			
7913	do	14	40	do	Married	Ill health, . . .	4 weeks	do	11 mths 18 dys	Remains	Improved			
7914	do	14	36	do	Single	Unknown, . . .	2½ years	Private Bond	1 mth 2 dys	Discharged	do			
7915	do	19	25	do	do	Amenorrhœa, . .	3 weeks	The Overseers	11 mths 13 dys	Remains	do			
7916	do	19	22	Male	do	Masturbation, . .	4 months	Sup. Court.	10 dys	Discharged	Not improved			
7917	do	24	31	do	do	Intemperance, . .	2 weeks	Probate Court	11 mths 8 dys	Remains	do			
7918	do	26	60	Female	do	Unknown, . . .	3 years	The Overseers	11 mths 6 dys	do	Improved			
7919	do	28	54	Male	Married	Epilepsy, . . .	2 weeks	do	1 mth 15 dys	Discharged	do			
7920	do	31	36	do	Single	Ill health, . . .	1 week	Private Bond	21 dys	do	do	Hereditary.		do
7921	Nov.	1	46	Female	Married	Turn of life, . . .	2 months	Probate Court	5 dys	Died	Suicide	Suicidal.		
7922	do	2	41	do	Single	Ill health, . . .	1½ years	The Overseers	10 mths 29 dys	Remains	Not improved			
7923	do	2	70	Male	do	Religious excitement, .	6 weeks	Private Bond	29 dys	Discharged	Improved			
7924	do	4	29	do	do	Masturbation, . .	2 years	Probate Court	4 mths 27 dys	do	Recovered			
7925	do	6	32	do	Married	Intemperance, . .	10 do	Private Bond	4 mths 26 dys	do	do			
7926	do	7	34	do	Single	Ill health, . . .	12 do	do	5 mths 15 dys	do	do			do
7927	do	7	45	Female	Married	Intemperance, . .	1 day	Probate Court	1 mth 24 dys	do	do			
7928	do	8	20	do	Single	Domestic affliction, .	1 month	do	7 mths 26 dys	do	do	Hereditary.		
7929	do	8	59	Male	do	Unknown, . . .	6 months	do	7 mths 23 dys	do	Improved	do		do
7930	do	9	37	do	Married	Intemperance, . .	2 years	do	6 mths 16 dys	do	do			Homicidal.
7931	do	9	45	do	do	Domestic affliction, .	3 weeks	do	4 mths 22 dys	do	do			
7932	do	9	30	Female	do	do trouble, .	3 months	do	19 dys	Died	Exhaustion	Suicidal.		
7933	do	9	23	Male	do	Intemperance, . .	1 month	do	1 mth 29 dys	Discharged	Recovered	Hereditary.		
7934	do	11	46	do	do	Epilepsy, . . .	3 years	The Overseers	5 mths 9 dys	Died	Epilepsy			Periodical.
7935	do	11	45	Female	do	Turn of life, . . .	1 month	Private Bond	1 mth 22 dys	Discharged	Improved			do
7936	do	18	25	do	Widow	Unknown, . . .	1 do	Probate Court	2 mths	do	Recovered	do		do
7937	do	20	52	do	Married	Turn of life, . . .	2 weeks	Private Bond	1 mth 6 dys	do	do			
7938	do	22	29	do	do	Ill health, . . .	1 week	Probate Court	7 mths 10 dys	do	do			
7939	do	23	32	do	do	do . . .	2 years	do	10 mths 8 dys	Remains	Not improved			
7940	do	25	39	do	Single	Unknown, . . .	20 do	Private Bond	10 mths 5 dys	do	Improved			
7941	Dec.	2	18	do	do	Scrofula, . . .	3 weeks	Probate Court	26 dys	Discharged	do	do		
7942	do	3	19	Male	do	Masturbation, . .	1 year	do	4 mths 15 dys	do	do			
7943	do	6	40	do	Married	Epilepsy, . . .	3 months	do	9 mths 26 dys	Remains	do	do		Suicidal.
7944	do	6	29	do	Single	Hard work, . . .	1 week	Private Bond	1 mth 13 dys	Discharged	Recovered			
7945	do	7	34	Female	Married	Ill health, . . .	3 weeks	Probate Court	9 mths 25 dys	Remains	Improved			
7946	do	9	42	Male	Widower	Injury to head, . .	1 month	do	29 dys	Discharged	Recovered			
7947	do	9	78	do	Married	Old age, . . .	1 do	The Overseers	3 dys	do	Not improved	Heredit. and		Periodical.
7948	do	10	21	do	Single	Unknown, . . .	1 week	Private Bond	3 mths 3 dys	do	Recovered			do

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1867											
7949	Dec. 11	73	Female	Widow	Old age, . . .	1 year	Private Bond	9 mths 21 dys	Remains	Not improved		
7950	do 16	62	do	Single	Ill health, . . .	8 months	Probate Court	6 mths 4 dys	Discharged	Improved		
7951	do 17	24	do	do	do . . .	2 years	do	5 mths 6 dys	do	do		
7952	do 18	18	do	do	Masturbation, . .	3 months	do	3 mths 22 dys	do	Recovered	Hereditary.	
7953	do 20	39	Male	Married	Intemperance, . .	3 weeks	do	5 mths 12 dys	do	do	Suicidal.	
7954	do 20	42	do	do	Unknown, . . .	6 months	Sup. Court	9 mths 12 dys	Remains	Improved		Homicidal.
7955	do 23	26	do	Single	Masturbation, . .	1 year	The Overseers	6 mths 20 dys	Discharged	Recovered		
7956	do 23	70	Female	Widow	Hard work, . . .	2 weeks	Probate Court	4 mths 11 dys	do	Improved		
7957	do 24	34	Male	Single	Epilepsy, . . .	27 years	Private Bond	9 mths 8 dys	Remains	do		
7958	do 27	54	Female	do	Spiritualism, . .	5 do	Sup. Court	9 mths 5 dys	do	do		
7959	do 27	34	Male	do	Loss of property, .	6 months	Probate Court	4 mths 3 dys	Discharged	do	do	Periodical.
7960	do 28	70	do	Married	Paralysis, . . .	1 month	do	1 mth 29 dys	do	do		
7961	do 28	38	do	Single	Injury to head, . .	15 years	do	3 mths 2 dys	do	Recovered		do
7962	do 31	20	do	do	Epilepsy, . . .	3 do	do	2 mths 19 dys	do	Improved		
7063	do 31	30	Female	Married	Injury to head, . .	1 month	Private Bond	2 mths 8 dys	do	Not improved		
7964	do 31	23	Male	Single	Masturbation, . .	3 weeks	Probate Court	9 mths 1 dy	Remains	Improved	do	
	1868											
7965	Jan. 4	25	do	do	Intemperance, . .	1 week	do	2 mths 28 dys	Discharged	Not improved	do	Homicidal.
7966	do 4	55	Female	do	Unknown, . . .	2 weeks	do	4 mths 25 dys	do	Recovered		
7967	do 6	50	Male	do	do . . .	Unknown	do	5 mths 20 dys	do	Not improved		
7968	do 6	63	Female	do	Scrofula, . . .	6 months	Private Bond	2 mths 24 dys	Died	Exhaustion	do	
7969	do 7	37	Male	do	Unknown, . . .	1 week	Probate Court	8 mths 25 dys	Remains	Not improved		
7970	do 8	58	do	Married	Ill health, . . .	24 years	Private Bond	13 dys	Discharged	Recovered		Periodical.
7971	do 8	38	do	do	Intemperance, . .	1 week	Probate Court	1 mth 14 dys	do	do	do	Homicidal.
7972	do 9	45	do	Single	Opium eating, . .	16 years	Private Bond	7 mths 5 dys	do	Improved		Periodical.
7973	do 11	46	do	Married	Paralysis, . . .	6 months	Probate Court	8 mths 21 dys	Remains	Not improved	Hereditary.	
7974	do 14	63	Female	Widow	Domestic affliction, .	24 years	Private Bond	8 mths 18 dys	do	Improved		do
7975	do 15	56	Male	Married	Ill health, . . .	1 month	do	4 mths 17 dys	Died	Hepatitis	Suicidal.	
7976	do 18	45	Female	Widow	do . . .	1 week	Probate Court	5 mths 14 dys	Discharged	Recovered		do
7977	do 20	26	Male	Single	Intemperance, . .	7 weeks	do	1 mth 24 dys	do	Improved		
7978	do 21	50	do	Married	Injury to head, . .	12 years	do	2 mths	do	Not improved		
7979	do 21	53	do	do	Ill health, . . .	1 week	do	2 mths 4 dys	do	Recovered		do
7980	do 24	47	do	Single	Unknown, . . .	1 month	Private Bond	4 mths 11 dys	do	do	Hereditary.	do

7981	Jan.	24	33	Male	Married	Pecuniary trouble,	1 week	Probate Court	8 mths	8 dys	Remains	Not improved		
7982	do	25	28	do	Single	Masturbation,	3 years	Private Bond	1 mth	9 dys	Discharged	Improved		
7983	do	27	72	do	Married	Old age,	2 do	Probate Court	5 mths	27 dys	Died	Paralysis		
7984	do	30	19	do	Single	Epilepsy,	3 do	Private Bond	5 mths	17 dys	Discharged	Improved		
7985	do	31	60	do	do	Unknown,	5 do	do	8 mths		Remains	do		Periodical.
7986	do	31	41	do	Married	Paralysis,	1 year	do	2 mths	20 dys	Died	Paralysis		
7987	do	31	25	Female	do	Domestic affliction,	1 month	Probate Court		18 dys	Discharged	Recovered		Homicidal.
7988	Feb.	3	45	do	do	Ill health,	2 months	do	3 mths	18 dys	do	Improved		Periodical.
7989	do	8	66	do	Widow	Old age,	4 do	Private Bond	4 mths	18 ds	do	Recovered	Hereditary.	
7990	do	11	78	Male	Married	do	3 do	do	1 mth	21 dys	do	do	do	do
7991	do	12	7	Female	Single	Epilepsy,	4 years	Probate Court	7 mths	18 dys	Remains	Improved		
7992	do	13	63	do	Married	Ill health,	3 months	Private Bond	3 mths	12 dys	Discharged	do		do
7993	do	14	45	do	do	Turn of life,	2 years	Probate Court	5 mths	13 dys	do	do		
7994	do	17	57	do	do	do	3 weeks	do	3 mths		do	Recovered	do	
7995	do	18	51	do	do	do	2 months	do	7 mths	12 dys	Remains	Improved		Homicidal.
7996	do	19	–	do	Widow	Domestic affliction,	2 do	do	3 mths	22 dys	Discharged	do		
7997	do	19	62	Male	Married	Loss of property,	4 do	Private Bond	1 mth	28 dys	Died	Suicide	do	Sui. and Hom.
7998	do	21	50	do	do	Intemperance,	1 week	Probate Court	1 mth		Discharged	Recovered		Periodical.
7999	do	21	16	do	Single	Scarlet fever,	5 months	do	3 mths	20 dys	do	Improved		
8000	do	21	30	do	do	Intemperance,	1 month	Private Bond		9 dys	do	Recovered		
8001	do	24	35	do	do	Unknown,	10 years	Sup. Court	7 mths	6 dys	Remains	Improved		Homicidal.
8002	do	24	22	do	Married	do	Unknown	do	7 mths	6 dys	Discharged	Not improved		do
8003	do	27	30	Female	do	Puerperal,	3 weeks	Private Bond	3 mths	15 dys	do	Recovered		
8004	do	28	66	do	Widow	do	35 years	Probate Court	7 mths	2 dys	Remains	Improved		
8005	do	29	18	Male	Single	Ill health,	1 month	do	7 mths		do	Not improved	Suicidal.	
8006	Mar.	2	31	do	do	Pecuniary trouble,	6 months	do	6 mths	30 dys	do	Improved	do	
8007	do	4	48	Female	do	Intemperance,	1 day	do		13 dys	Discharged	Recovered		Periodical.
8008	do	10	28	Male	do	Ill health,	From inf.	do	6 mths	22 dys	Remains	Improved	Hereditary.	
8009	do	12	17	do	do	Epilepsy,	7 years	do	6 mths	20 dys	do	Not improved		
8010	do	12	40	do	Married	Ill health,	1 year	do	6 mths	20 dys	do	Improved		
8011	do	12	44	do	Widower	Paralysis,	2 weeks	do	6 mths	20 dys	do	do		
8012	do	14	60	do	do	Ill health,	1 year	Private Bond	5 mths	25 dys	Discharged	do		
8013	do	16	44	Female	Married	do	3 months	Probate Court		16 dys	do	do		do
8014	do	17	44	do	do	Intemperance,	3 years	do		9 dys	do	Recovered		do
8015	do	18	40	do	Widow	Ill health,	1 month	do	6 mths	14 dys	Remains	Improved		
8016	do	18	27	Male	Single	Unknown,	3 days	do	2 mths	6 dys	Discharged	Recovered	do	
8017	do	19	24	Female	do	do	2 years	The Overseers	6 mths	13 dys	Remains	Improved	do	
8018	do	19	53	do	Married	Turn of life,	2 weeks	Private Bond	3 mths		Discharged	Recovered		do
8019	do	23	64	Male	do	Abscess in brain,	35 years	Probate Court	6 mths	9 dys	Remains	Improved		do

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1868											
8020	Mar. 23	38	Male	Married	Intemperance, . .	1 week	Probate Court	20 dys	Discharged	Recovered	Suicidal and Homicidal.	
8021	do 24	42	Female	do	Ill health, . . .	14 years	do	6 mth 8 dys	Remains	Improved	Hereditary.	
8022	do 24	58	Male	do	Tumor of the eye, .	4 do	Private Bond	15 dys	Died	Paralysis		
8023	do 25	38	do	Widower	Intemperance, . .	2 weeks	Probate Court	6 mths 7 dys	Remains	Improved	do	
8024	do 26	21	Female	Single	Epilepsy, . . .	1 year	do	6 mths 6 dys	do	do	do	do
8025	do 27	48	do	Widow	Ill health, . . .	2 weeks	do	3 mths 5 dys	Discharged	Recovered		
8026	April 1	40	do	Single	Epilepsy, . . .	12 years	do	6 mths	Remains	Improved		
8027	do 1	35	do	Married	Unknown, . . .	2 do	do	6 mths	do	do		
8828	do 1	23	do	Single	do . . .	2 do	do	6 mths	do	Not improved		
8029	do 1	44	Male	Married	Paralysis, . . .	1½ do	do	6 mths	do	Improved		Periodical.
8030	do 1	44	Female	do	Ill health, . . .	3 months	do	6 mths	do	Not improved		do
8031	do 1	44	do	do	do . . .	4 years	do	1 mth 22 dys	Discharged	Improved		
8032	do 1	45	Male	do	Domestic affliction, .	6 months	do	6 mths.	Remains	Not improved		do
8033	do 2	33	Female	do	Ill health, . . .	3 days	do	5 mths 29 dys	do	Improved		do
8034	do 2	30	Male	do	Intemperance, . .	3 months	do	4 mths 23 dys	Discharged	Recovered		
8035	do 2	30	Female	Single	Ill health, . . .	1 week	do	2 mths 14 dys	do	Improved		do
8036	do 2	44	Male	do	Domestic trouble, .	6 months	Private Bond	5 mths 29 dys	Remains	Not improved		
8037	do 7	29	Female	Married	Puerperal, . . .	2 weeks	Probate Court	5 mths 24 dys	do	Improved		
8038	do 8	45	Male	do	Unknown, . . .	1 year	do	5 mths 23 dys	do	do		
8039	do 8	45	Female	do	do . . .	1 do	do	5 mths 23 dys	do	do		do
8040	do 8	35	Male	Single	Injury to head, . .	3 months	do	5 mths 23 dys	do	Not improved		
8041	do 9	40	do	Married	Unknown, . . .	10 years	The Overseers	5 mths 22 dys	do	do		
8042	do 11	45	do	Single	do . . .	2 weeks	Probate Court	5 mths 20 dys	do	Improved		
8043	do 15	35	do	do	Epilepsy, . . .	18 years	do	5 mths 16 dys	do	Not improved		Homicidal.
8044	do 15	38	Female	do	do . . .	24 do	do	3 mths 16 dys	Died	Epilepsy	Hereditary and Suicidal.	
8045	do 15	39	do	Married	Unknown, . . .	3 months	Private Bond	5 mths 16 dys	Remains	Improved	do	
8046	do 15	59	do	Widow	Domestic affliction, .	9 do	do	5 mths 16 dys	do	do		do
8047	do 17	65	do	do	Ill health, . . .	3 do	do	5 mths 14 dys	do	do	Hereditary and Periodi'l.	
8048	do 18	71	do	do	Old age, . . .	6 do	The Overseers	9 dys	Died	Exhaustion	do	
8049	do 20	40	do	Married	Unknown, . . .	1 week	Probate Court	4 mths 11 dys	Discharged	Recovered		do
8050	do 20	53	Male	do	do . . .	1 do	Private Bond	2 mths	do	Improved		do
8051	do 20	34	do	Single	Disappointment in love,	1 do	do	16 dys	do	Recovered		
8052	do 20	56	do	Married	Paralysis, . . .	3 years	Probate Court	5 mths 11 dys	Remains	Not improved		Homicidal.

8053	April	20	33	Male	Married	Unknown, . . .	15 months	Probate Court	–	Remains	Improved		
8054	do	20	48	Female	Single	Turn of life, . . .	1 month	Private Bond	2 mths 19 dys	Discharged	do	Suicidal.	
8055	do	21	48	Male	Married	Unknown, . . .	1 year	Probate Court	5 mths 10 dys	Remains	Not improved	Hered., Period. & Homi.	
8056	do	24	56	do	do	do . . .	3 years	Private Bond	5 mths 7 dys	do	do	Suicidal.	
8057	do	25	38	do	do	Fever, ...	20 do	do	4 mths 28 dys	Discharged	Improved		
8058	do	29	55	do	do	Paralysis, . . .	4 months	Probate Court	5 mths 2 dys	Remains	Not improved		
8059	do	29	32	Female	Single	Unknown, . . .	1 year	Private Bond	5 mths 2 dys	do	Improved		
8060	do	29	35	Male	Married	Domestic affliction, .	6 months	Probate Court	5 mths 2 dys	do	Not improved		
8061	do	30	17	do	Single	Ill health, . . .	2 weeks	Private Bond	1 mth 18 dys	Discharged	Improved		Periodical.
8062	May	2	37	Female	Married	Unknown, . . .	1 month	Probate Court	5 mths	Remains	do		
8063	do	4	68	do	do	Injury of head, . .	7 years	The Overseers	4 mths 28 dys	do	Not improved		
8064	do	4	44	do	Single	Unknown, . . .	3 do	do	4 mths 28 dys	do	do		do
8065	do	5	24	do	do	Fever, ...	2 do	do	2 mths 7 dys	Discharged	Improved		
8066	do	7	38	do	do	Unknown, . . .	2 weeks	Probate Court	2 mths 14 dys	do	Recovered		do
8067	do	8	70	Male	Widower	Intemperance, . .	3 months	do	4 mths 24 dys	Remains	Improved		
8068	do	9	47	Female	Single	Unknown, . . .	16 years	do	4 mths 23 dys	do	Not improved	Hereditary.	
8069	do	9	53	Male	Married	Ill health, . . .	2 weeks	do	4 mths 23 dys	do	Improved		do
8070	do	11	19	Female	Single	Amenorrhœa, . .	6 months	do	4 mths 21 dys	do	do		
8071	do	12	40	Male	do	Masturbation, . .	16 years	The Overseers	4 mths 20 dys	do	do		
8072	do	13	71	Female	Widow	Hard work, . . .	5 months	Probate Court	4 mths 19 dys	do	do		do
8073	do	13	47	do	Single	Turn of life, . .	2 weeks	do	4 mths 19 dys	do	do		do
8074	do	13	26	Male	do	Intemperance, . .	1 week	do	13 dys	Discharged	Recovered		
8075	do	15	88	Female	Widow	Old age, . . .	1 year	do	3 mths 6 dys	Died	Old age		
8076	do	18	34	do	Married	Puerperal, . . .	8 years	Private Bond	4 mths 14 dys	Remains	Improved		
8077	do	18	46	do	do	Ill health, . . .	6 months	Probate Court	28 dys	Died	Exhaustion	Suicidal.	
8078	do	19	79	Male	Widower	Old age, . . .	1 year	do	4 mths 13 dys	Remains	Improved	Hereditary.	
8079	do	23	53	do	Married	Intemperance, . .	3 weeks	do	1 mth 15 dys	Discharged	Recovered		
8080	do	26	24	do	Single	Constitutional, . .	6 months	do	3 mths 10 dys	do	Improved	Suicidal.	
8081	do	26	29	Female	Married	Unknown, . . .	3 years	do	4 mths 6 dys	Remains	Not improved	Hereditary	
8082	do	26	40	Male	do	Intemperance, . .	Unknown	Private Bond	6 dys	Discharged	Improved	do	
8083	do	26	50	Female	do	Ill health, . . .	10 years	Probate Court	4 mths 5 dys	Remains	Not improved		do
8084	do	27	43	do	do	Turn of life, . . .	2 do	do	4 mths 5 dys	Discharged	Recovered		
8085	do	29	59	Male	do	Domestic affliction, .	2 weeks	do	2 mths 22 dys	do	do		do
8086	June	1	22	Female	Single	Excessive joy, . .	1 week	do	4 mths	Remains	Improved		
8087	do	1	35	Male	do	Ill health, . . .	13 years	Private Bond	19 dys	Discharged	do		do
8088	do	2	42	Female	Married	Turn of life, . . .	7 months	Probate Court	3 mths 29 dys	Remains	do		
8089	do	2	25	Male	Single	Epilepsy, . . .	2 years	Private Bond	3 mths 29 dys	do	Not improved		
8090	do	9	40	Female	Widow	Unknown, . . .	3 do	Probate Court	3 mths 22 dys	do	do	do	

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1868											
8091	June 10	28	Female	Married	Ill health, . . .	3 years	Probate Court	2 mths	Discharged	Not improved	Hereditary.	
8092	do 10	28	Male	do	Use of tobacco, . .	1 week	do	2 mths 5 dys	do	Recovered		
8093	do 11	37	do	Single	Masturbation, . .	1 year	do	3 mths 20 dys	Remains	Not improved		
8094	do 12	66	Female	Married	Paralysis, . . .	1½ years	Private Bond	1 mth 22 dys	Discharged	Improved	Suicidal.	
8095	do 13	49	do	Single	Turn of life, . . .	7 years	Probate Court	3 mths 18 dys	Remains	do		
8096	do 16	31	do	do	Unknown, . . .	6 months	do	3 mths 15 dys	do	do		
8097	do 16	22	Male	do	Masturbation, . .	3 do	do	3 mths 15 dys	do	Not improved		
8098	do 16	50	do	do	Intemperance, . .	1 week	do	15 dys	Died	Apoplexy		
8099	do 17	25	Female	Married	Puerperal, . . .	2 weeks	do	2 mths 5 dys	do	Consumption		
8100	do 17	60	do	Widow	Old age, . . .	9 months	do	3 mths 14 dys	Remains	Improved		
8101	do 18	32	do	Single	Disappointment in love,	8 years	Board of S. C.	3 mths 13 dys	do	do	Hereditary.	
8102	do 19	36	Male	do	Unknown, . . .	14 do	Probate Court	3 mths 12 dys	do	Not improved	do	
8103	do 20	44	do	do	Intemperance, . .	1 week	do	3 mths 11 dys	do	Improved		
8104	do 20	26	Female	do	Unknown, . . .	1 do	do	3 mths 11 dys	do	do	do	and Suicidal.
8105	do 20	23	Male	do	Intemperance, . .	1 do	do	2 mths 5 dys	Discharged	Recovered		
8106	do 20	25	do	do	do . . .	1 do	do	1 mth	do	do		
8107	do 24	22	do	Married	Unknown, . . .	3 months	The Overseers	3 mths 7 dys	Remains	Not improved	do	
8108	do 24	26	Female	do	Puerperal, . . .	1 month	do	3 mths 7 dys	do	Improved	do	do
8109	do 24	31	Male	Single	Masturbation, . .	1 year	Probate Court	3 mths 7 dys	Discharged	do		Homicidal.
8110	do 25	61	Female	do	Unknown, . . .	5 months	Private Bond	3 mths 6 dys	Remains	do	do	
8111	do 26	56	do	do	do . . .	2 do	Probate Court	3 mths 5 dys	do	do		
8112	do 27	21	Male	do	do . . .	6 years	do	3 mths 4 dys	do	do	do	do
8113	do 27	32	do	Widower	do . . .	Unknown	Sup. Court	1 mth 4 dys	Discharged	Not improved		
8114	do 29	43	Female	Married	Turn of life, . . .	6 months	Probate Court	3 mths 2 dys	Remains	Improved		Periodical.
8115	do 29	40	do	do	do . . .	3 years	Private Bond	3 mths 2 dys	do	do		
8116	do 30	22	Male	Single	Masturbation, . .	1 month	Probate Court	1 mth 25 dys	Discharged	do		
8117	July 1	48	do	Married	Unknown, . . .	1 do	Board of S. C.	3 mths	Remains	do		
8118	do 1	34	Female	Widow	do . . .	Unknown	do	3 mths	do	Not improved		
8119	do 1	45	do	do	do . . .	10 months	Probate Court	3 mths	do	do		
8120	do 1	26	do	Single	do . . .	6 weeks	do	3 mths	do	Improved	Suicidal.	
8121	do 1	65	do	do	do . . .	1 month	Private Bond	3 mths	do	Not improved	Hereditary and	do
8122	do 2	32	Male	do	do . . .	6 years	do	2 mths 30 dys	do	do	do	

8123	July	3	39	Male	Married	Injuries in the army, .	5 years	The Overseers	2 mths 29 dys	Discharged	Improved		
8124	do	3	24	do	Single	Masturbation, . .	2 months	do	2 mths 28 dys	Remains	Not improved		
8125	do	3	29	do	Married	Domestic trouble, .	1 year	Probate Court	2 mths 28 dys	do	Improved	Hereditary and Suicidal.	
8126	do	3	30	Female	Single	Disappointment in love,	3 months	do	2 mths 12 dys	Discharged	Recovered	do	
8127	do	3	19	do	do	Unknown, . . .	6 do	Private Bond	2 mths 12 dys	do	do		Periodical.
8128	do	4	60	Male	do	do . . .	Unknown	do	2 mths 28 dys	Remains	Not improved		do
8129	do	6	27	do	do	Masturbation, . .	6 months	do	2 mths 26 dys	do	do		
8130	do	6	23	do	do	do . . .	3 weeks	Probate Court	2 mths	Discharged	Recovered		
8131	do	7	33	do	Married	Intemperance, . .	11 years	Private Bond	1 mth 28 dys	do	do		do
8132	do	7	33	do	Single	Unknown, . . .	2 months	Probate Court	1 mth 19 dys	do	do		
8133	do	8	25	Female	do	do . . .	1 month	do	1 mth 19 dys	do	do		
8134	do	11	24	do	do	Fever, ...	2 years	do	2 mths 21 dys	Remains	Improved		
8135	do	14	32	do	Married	Unknown, . . .	1 month	do	2 mths 18 dys	do	do	do	Suici. & Period.
8136	do	15	35	Male	do	do . . .	2 years	do	2 mths 17 dys	do	do	do	
8137	do	15	30	Female	Single	do . . .	Unknown	do	2 mths 17 dys	do	Not improved		
8138	do	18	74	Male	Married	Paralysis, . . .	4 years	Private Bond	2 mths 14 dys	do	do		Periodical.
8139	do	20	70	Female	Widow	Unknown, . . .	3 do	Probate Court	2 mths 12 dys	do	do	do	
8140	do	20	38	Male	Married	Intemperance, . .	6 months	do	2 mths 12 dys	do	do		
8141	do	20	38	do	Single	Sun stroke, . . .	10 years	The Overseers	2 mths 12 dys	do	do		
8142	do	20	29	do	Married	Intemperance, . .	3 do	Probate Court	2 mths 12 dys	do	Improved		
8143	do	21	75	do	Widower	Unknown, . . .	2 do	do	2 mths 11 dys	do	do	do	
8144	do	21	35	do	Single	Sun stroke, . . .	1 week	do	1 mth 11 dys	Discharged	Recovered		
8145	do	21	62	Female	Married	Puerperal, . . .	30 years	Private Bond	2 mths 11 dys	Remains	Not improved		
8146	do	22	51	Male	Widower	Unknown, . . .	2 weeks	Probate Court	2 mths 10 dys	do	Improved	Suicidal.	do
8147	do	22	29	do	Single	do . . .	1 week	do	1 mth 6 dys	Discharged	Recovered		
8148	do	24	25	do	do	do . . .	1 month	do	2 mths 8 dys	Remains	Improved		do
8149	do	24	57	do	Married	do . . .	2 weeks	do	2 mths 8 dys	do	Not improved	Hereditary.	do
8150	do	27	60	Female	do	Domestic affliction, .	3 months	do	2 mths 5 dys	do	Improved	do	and Suicidal.
8151	do	29	45	do	do	Unknown, . . .	14 years	Private Bond	2 mths 3 dys	do	do		
8152	do	30	45	do	Single	do . . .	5 do	Probate Court	2 mths 2 dys	do	Not improved		
8153	Aug.	7	51	do	Married	Ill health, . . .	9 do	do	1 mth 25 dys	do	do		Periodical.
8154	do	7	36	do	Single	Unknown . . .	1 week	do	1 mth 25 dys	do	Improved	do	
8155	do	11	34	Male	do	Constitutional, . .	8 years	do	1 mth 5 dys	Discharged	do		
8156	do	11	73	do	Married	Old age, . . .	7 do	do	1 mth 21 dys	Remains	do	do	
8157	do	13	23	Female	do	Puerperal, . . .	1 week	do	1 mth 19 dys	do	do		
8158	do	13	36	do	do	Intemperance, . .	1½ years	do	1 mth 16 dys	Discharged	Recovered		
8159	do	14	25	Male	Single	Masturbation, . .	7 months	do	1 mth 18 dys	Remains	Improved		
8160	do	15	42	Female	Widow	Intemperance, . .	Unknown	do	17 dys	Discharged	Recovered		do

TABULAR VIEW—*Concluded.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal Periodical.
	1868											
8161	Aug. 19	32	Male	Married	Intemperance, . .	1 week	Probate Court	1 mth 13 dys	Discharged	Recovered		
8162	do 19	43	do	Single	Masturbation, . .	15 years	The Overseers	1 mth 13 dys	Remains	Not improved		
8163	do 22	71	Female	Married	Unknown, . . .	25 do	Private Bond	1 mth 10 dys	do	do	Hereditary.	
8164	do 22	37	do	Single	do . . .	11 do	do	1 mth 10 dys	do	do	do	
8165	do 22	22	Male	do	Masturbation, . .	1 year	Probate Court	1 mth 10 dys	do	Improved	Suicidal.	
8166	do 25	45	Female	Widow	Unknown, . . .	6 months	do	1 mth 7 dys	do	do		
8167	do 27	40	Male	Single	Intemperance, . .	Unknown	do	1 mth 5 dys	do	do	Hereditary.	
8168	do 29	24	do	do	Epilepsy, . . .	22 years	The Overseers	1 mth 4 dys	do	Not improved		
8169	do 31	40	do	Married	Intemperance, . .	8 do	Probate Court	1 mth 3 dys	do	Improved		
8170	Sept. 1	49	do	do	do . . .	2 months	do	1 mth 1 dy	do	do		
8171	do 2	37	Female	Single	Unknown, . . .	2 do	Private Bond	1 mth	do	Not improved		Periodical.
8172	do 2	50	Male	Married	do . . .	10 years	Probate Court	29 dys	do	Improved		do
8173	do 3	40	do	Widower	do . . .	3 months	do	29 dys	do	Not improved		do
8174	do 3	71	Female	Widow	do . . .	3 weeks	Private Bond	28 dys	do	Improved	do	do
8175	do 4	45	Male	Single	do . . .	5 years	Probate Court	28 dys	do	Not improved		do
8176	do 5	35	Female	Married	Spiritualism, . .	1 year	Private Bond	26 dys	do	Improved	do	
8177	do 7	71	Male	do	Old age, . . .	1 week	do	11 dys	Died	Exhaustion		do
8178	do 11	26	Female	do	Unknown, . . .	2 months	Probate Court	20 dys	Remains	Improved		
8179	do 11	42	do	Widow	Intemperance, . .	1 week	do	20 dys	do	do		do
8180	do 11	44	do	do	Ill health, . . .	1 do	do	20 dys	do	Not improved		do
8181	do 15	55	Male	Married	Unknown, . . .	10 years	do	16 dys	do	Improved	do	
8182	do 15	34	do	Single	do . . .	10 do	do	16 dys	do	do		do
8183	do 16	15	do	do	do . . .	1 year	do	15 dys	do	do	do	do
8184	do 18	32	Female	Married	Puerperal, . . .	1 week	do	13 dys	do	do		
8185	do 18	36	Male	Single	Intemperance, . .	8 months	do	13 dys	do	do		
8186	do 19	25	do	do	Masturbation, . .	2 do	do	12 dys	do	Not improved		
8187	do 22	58	Female	Married	Unknown, . . .	2 weeks	Private Bond	9 dys	do	Improved	do	
8188	do 23	17	Male	Single	Religious excitement, .	1 week	Probate Court	8 dys	do	Not improved		
8189	do 26	43	do	Married	Intemperance, . .	1 do	do	1 week	Discharged	Recovered		
8190	do 28	22	Female	do	Domestic trouble, .	1 do	do	5 dys	do	do		
8191	do 28	72	Male	do	Old age, . . .	1 year	Private Bond	3 dys	Remains	Not improved	do	
8192	do 29	40	do	do	Injury of head, . .	3 years	Probate Court	2 dys	do	do		Homicidal.

8193	Sept.	29	51	Male	Widower	Masturbation, . . .	12 years	Probate Court	2 dys	Remains	Improved	Hereditary.	Periodical.
8194	do	29	41	Female	Single	Unknown, . . .	15 do	Private Bond	2 dys	do	do		do
8195	do	29	47	do	Widow	Puerperal, . . .	24 do	do	2 dys	do	do		do
8196	do	30	47	Male	Married	Intemperance. . .	1 year	do	1 dy	do	do		
8197	do	30	26	Female	Single	Masturbation, . .	1 do	Probate Court	1 dy	do	do		
8198	do	30	23	Male	do	Unknown, . . .	2 months	do	1 dy	do	Not improved	do	

In former reports, I have faintly sketched what seemed to me desirable in order to fulfil the important indication in the arrangements for the care and control of persons afflicted with mental disease.

The attention which you have given to the matter has led me to investigate and study the subject faithfully, and to inquire what modifications and improvements, if any, can be made in our present system.

The minds of medical men in all countries are now directed to the same subject, and are contemplating similar measures to those so feebly set forth in the annual reports of your hospital.

In England, asylums which were regarded twelve years ago as models, are now being enlarged and improved by wide departures from the original plans. New asylums are being built upon improved plans. And while this change is going on in existing hospitals, new plans are submitted and approved, embodying entirely new principles of arrangement. On the Continent, the same questions occupy the minds of thinking men.

If we consider that human nature is the same everywhere; that man is, all the world over, subject to the same impulses, and governed by the same motives; and that when insane, insanity assumes the same forms, and is successfully treated on the same general principles in all countries, we certainly ought to take as great an interest in the consideration of this subject as is taken by the humane of other countries.

Our system finds its weakness mainly in the meagre advantage we have at our command to classify, employ and occupy the minds and the bodies of our patients. It overlooks, to a great extent, the important fact that inactivity is incompatible with bodily vigor, and that exercise of all the faculties, bodily and mental, is the best method of preserving health, as well as of regaining it when lost. This law is laid deep in our organization, and cannot be violated with impunity. Any system of treatment not based upon it, or in any way ignoring it, must of necessity prove worse than useless.

If we look carefully at our own management, we shall find that our patients are and must be left too much to their own choice, whether to work or to be idle. No encouragement is held out, no inducement is offered to persuade them to labor.

They know almost at once that occupation is not the rule of the institution, and they act precisely as sane men and women would do under similar circumstances. Men are not apt to labor without some adequate motive. The insane will not labor for the benefit of their health, because they do not believe themselves diseased.

What we need most of all is a systematic arrangement and control which puts every one to some occupation. It is not to be expected that the work of any large proportion of the insane will be remunerative. The object will be gained when the faculties, mental and physical, are employed. This woman whose vagaries have controlled all her actions for many years, may not be persuaded to engage in the useful labors of her early life. She will, however, carefully undertake any useless fancy work, and thus employed, be relieved from the thraldom of delusion. This man who refuses to assist the mechanic in any light labor, will enslave himself for years in the pursuit of perpetual motion. This young clerk who cannot confine himself to the duty of an accurate copyist, is employed many weary hours in the equally laborious task of balancing imaginary accounts. To turn this waste of labor into healthy and useful channels, is a work next in importance to that of arousing the dormant energies of the demented and fatuous. How can we accomplish these desirable purposes? We may lay the subject before the whole corps of assistants. If, happily, they are persuaded, and are willing to devote themselves to the duty, where are the means by which they can accomplish the results? We may argue the advantages of occupation with the patients, but can we make it clear to such minds that labor is essential to recovery, and as such is a sufficient inducement to command their attention?

If a strong, active, convalescent mechanic is induced to labor, can we regularly pay him for his work? If we remunerate one, can we all? If a delicate lady is directed to occupy herself in music and drawing, in addition to the ordinary occupation of needle-work, can we assure her of a speedy return to society and friends? If we advise a gentleman to keep up his habits of reading, writing and conversation, can we afford accommodation for his library? Can any number of such visit the public library? When all these obstacles are over-

come, we shall find that we have no convenient rooms, no sufficient accommodations by which any number of our patients can gratify their own healthy tastes and feelings.

With the common laboring men and women, the difficulties are more readily met and overcome, though no hospital or asylum in this country has yet provided the means necessary for this class.

It is to be supposed that if all laborers were promised fair wages for their work, and regularly paid, a much larger proportion would be induced to engage in profitable employment. When the plan had proved successful, the wages of the patients might be kept, by the treasurer of the institution, on deposit for their benefit and use.

In Great Britain, an extra allowance of some luxury, such as beer or tobacco, has a powerful effect, not only in producing quiet and good conduct, but in promoting habits of industry; and under the influence of such motives, many who would otherwise be idle and listless, perhaps noisy and destructive, engage regularly in useful labor.

In regard to females, sewing and knitting, embroidery and fancy work furnish a ready resource. So also do the various departments of domestic labor. But they should have also the stimulant of remuneration. Labor, at present, is almost entirely compulsory, inasmuch as it is not, and cannot be, to any great extent, remunerative to the laborer. If we pay for it, there is the nice question of how much. Many of the insane, all of the demented, must be *re*-taught to labor, and at considerable expense; and it must not be excessive, but graduated according to the strength and condition of every patient.

It requires a large judgment and a nice discrimination to provide occupation for that growing class of active, intelligent minds which, for various reasons, find an asylum in our hospitals for the insane. How can we, for such patients, fill up all the hours of the day with recreation, amusement and exercise? How can we gratify their intelligent wants? How can we answer their just demands?

The establishment of hospitals for the insane was at the first an effort of philanthropy to redeem from jails and poor-houses, from cages and out-houses, the forlorn, the friendless and hopeless; and now, having fulfilled their first mission so well, we

seem to have forgotten that there is yet the higher office to prevent and turn aside this great current of human suffering from another and more hopeful class.

I know of no way by which this can be accomplished but by the adoption and execution of some such plan as we have considered on other occasions. What has been attempted elsewhere can be accomplished here. We need a different class of houses, and more land. We need arrangements which will dispense, for the most part, with the necessity of locks, bolts and bars; with camisoles and belts; and, if possible, with drugs, medicines and sleeping draughts. We need all the arrangements for the highest comfort, the most perfect cleanliness, ventilation and warmth. We need everything calculated to promote the best hygienic condition of the insane. And above all, we need such arrangements and such means as will serve to give occupation to every mind and every body placed under the care of the asylum.

During the last summer it was my good fortune to visit many institutions for the insane in foreign countries. Among other places visited was the town of Gheel, in Belgium, where the cottage system, so called, has perhaps reached its highest state of developement.

The early history of this community, so far as it relates to the insane, is very obscure, and much of it is lost in tradition. It is supposed to be quite certain, however, that a church was built and dedicated to St. Martin as early as the seventh century where the town of Gheel now stands. To the little colony of Christians gathered about the church so recently built, the Irish princess Dymphna, accompanied by a priest named Gerbernus, fled from the rage of a cruel and wicked father. By their acts of charity and Christian benevolence, as well as by their quiet and pious conduct, they seemed to have gained the love and esteem of the few inhabitants of Gheel. But being pursued in their flight by the unnatural father, and discovered in their retreat, Dymphna was slain by her incestuous parent, while the good priest who had protected her, fell at the hands of his followers. It is related that some insane persons who witnessed this unnatural deed were so shocked by its horror as to recover at once their lost senses. Dymphna and

Gerbernus were buried side by side, and soon a little chapel rose near their graves.

In the meantime Dymphna was canonized, and hither to the chapel of St. Dymphna came the insane from all the country round about to bow at her shrine, and pray for the intercession of the blessed Saint that they might be healed of their infirmities. As the fame and influence of the Saint increased, a new and massive church was erected at great expense of toil and money. So great was the faith in the miraculous power of the Saint, that quarrels took place between rival towns for the possession of her bones, and the Gheelans, almost by divine assistance, were enabled to retain and remove them to the prepared shrine in their new church.

It is quite easy to understand how a thousand years ago the rude inhabitants of the little hamlet of Gheel were wrought upon by a belief in this supernatural agency. We, ourselves, in the days of spiritual manifestations and clairvoyant insight know how readily any absurd doctrine may obtain credence for peculiar medical efficacy. As a matter of fact in our every day experience we also know how frequently a removal from home and a change of scene is followed by an improvement in the condition of the insane mind.

The practice of bringing the insane to the shrine of the Saint increased as the knowledge of her miraculous power became more widely known; so that early in the history of Gheel the inhabitants became accustomed to the presence of lunatics among them, and also the care of providing for their welfare. Living in the midst of a most barren and desolate tract of country, the Gheelans were of necessity industrious, and as we have already seen, they were filled with religious fervor. These two important traits rendered them peculiarly well fitted for the duty of providing for and taking care of the insane; the duty being enforced by all the dictates of worldly interest as well as Christian charity. The insane were regarded with feelings of religious awe, and it was deemed the highest Christian duty to make every effort and suffer every sacrifice for their care. These feelings were handed down from generation to generation, and enjoined by father upon son, till at last, instead of a hamlet with a rude chapel and a few demented wanderers, Gheel comes to be an important community, accept-

ing a labor and devoting itself religiously to a duty which has no parallel in history; choosing cheerfully and hopefully a state of things which no other community could be persuaded to tolerate for a day. It is this religious feeling in regard to the lunatics, which has been and still is, more than anything else, their safety in the colony, and makes Gheel better adapted than any other place for this peculiar plan of treatment called the cottage plan. The religious fervor in behalf of the insane seemed to be the distinguishing trait of the Gheelan mind and habit. Insanity was supposed to be due to supernatural causes. The doctrines of the Church were such as to encourage this idea, consequently spiritual aid was regarded as the most efficient means of relief. Who then so likely to intercede for divine favor as the blessed Saint Dymphna?

The patient for whom the direct intercession of the Saint was desired, was placed in appropriate apartments adjoining the church under the care of persons retained for this purpose. These apartments consisted of two large and two smaller rooms or cells furnished with heavy oaken benches and iron rings to which furious patients might be fastened while awaiting their turn. Hither a priest would come daily to say mass and read prayers. If the patient was sufficiently tranquil an offering was performed daily for nine days in succession. The patient, preceded by priests and surrounded by assistants, chanting the praise of Saint Dymphna, marched in procession three times round the church. Each time as the procession passed through the chancel a halt was made at the tomb of the Saint, which is placed upon columns about four feet high, forming a sort of portico of gothic architecture. The procession kneeled and the lunatic dragged himself, or was dragged under this portico containing the remains of the Saint. They then exorcised him and conducted him back to the adjoining apartments. If the patient was too furious to be easily managed, a person from the country has been known to perform his part. While making the three circuits the friends and relatives remained in the interior of the church praying to the Saint for help. When nine days of such labor had passed the patient was generally freed from his restraint and restored to his family.

It is certain, says the very able and accomplished superintendent, M. Bulkens, in one of his reports to the Belgian Lunacy

Commissioners, that cures were effected in this way. Fortunately, however, for the insane, a belief in the miraculous power and direct intervention of the Saint has nearly passed away, and few, if any are now found willing to put their insane relatives through this ordeal.

Such in brief is the story generally told and believed in regard to the origin and growth of Gheel. It begins in fable and ends with the condition and prospects of the colony at the present day. Commencing with some accidental circumstance happening to a few religious fanatics eleven centuries ago, it reaches forward to an important community of eleven thousand people, among whom are living in comparative comfort and freedom, and in the enjoyment of unusual social privileges, about eleven hundred lunatics. No doubt there have been great cruelties practised at Gheel, and probably bad results were produced by so strange a mixture of medicine and religious fanaticism. But this was in no way peculiar to the habits or customs of Gheel.

It can be shown that severer customs prevailed in other parts of Europe, and that the system pursued at Gheel tended in a great degree to remove the restraint and ameliorate the condition of the insane. For as early as 1676 a municipal order was promulgated forbidding the keepers of lunatics to allow them to go abroad unrestrained, making the keepers responsible for damages done by lunatics, and imposing a fine for violation of the order; thus showing that the keepers were, in their humane tendencies, in advance of the public opinion of their day. Still, so much freedom continued to be enjoyed by the patients, that in 1747 another municipal interference was considered necessary to check the growing evil of permitting the insane the enjoyment of free air and exercise. But it is remarkable in this case that public opinion had taken a wide step in advance, and the magistrates in their municipal order enforced by fine, recognized the superiority of a careful personal supervision to the promiscuous employment of chains and fetters. Again, so soon as 1754 another enactment was passed, in which the magistrates complain that the lunatics are so free that one can no longer distinguish between the patients and citizens, and when the keeper is admonished, he always replies, "My insane boarder is not dangerous. He does no harm to any

one. He is quiet and well-behaved." All the facts go to show that the management and treatment of the insane was at that time in Gheel far in advance of the spirit of the age, while doubtless they suffered much, which, to us to-day, would seem but little short of downright cruelty.

In 1821, Esquirol visited this colony, and wrote nearly as follows: "The greater part of these unfortunates are fed like the peasantry of the country. In the town the dietary is better, and generally it is the same as that of the persons with whom they live. The lunatics, male and female, wander freely in the streets or in the country, without any one appearing to be watching them, even when they have trammels on their feet. If they try to escape, straps are used. If they are furious, they are chained by the hands and feet when they do not go out of doors, at least when they are lodged on a sequestered farm. In spite of these means of restraint, it happens often that they wander or escape, but the police of the surrounding districts stop them at eight or nine miles distance, and bring them back."

Following Esquirol, Guislain and Moreau addressed themselves to the French, Parigot and Bulkens to the Belgians, and Rollin and Droste to the Germans, giving to continental inquirers all the facts concerning Gheel and its system. In 1828, Sir Andrew Haliday, in his general view of lunatic asylums, gives his opinion of the system in the following remarks: "If the governors of St. Luke's were to form such an establishment upon some of the heaths or commons that are at no great distance from the metropolis, they would more effectually, I imagine, fulfil the intentions of the supporters and contributors to this institution, than by transferring their supposed incurables, after a twelvemonth's trial, to the white and red houses at Bethnal Green, as very uniformly has hitherto been their practice for a number of years, and that such an establishment might be formed at a very small expense must be apparent to all who will give themselves the trouble to think on the subject.

"The renting of a considerable portion of any such heath or common would not be any great charge to the funds of the establishment, nor could the building of the cottages cost much, and such an arrangement might be made the means of keeping many poor but well-ordered families from the work-house, and

of rendering them useful and industrious members of society. The average expense at St. Luke's was, some years ago, forty-six pounds eighteen shillings and threepence. He might be maintained at one-third of the expense at an establishment similar to that at Gheel, and have almost a certain prospect of being cured while the disease is yet curable."

Since that day, Doctors Cumming, Webster, Browne and Coxe have all published favorable notices of the cottage system. More recently, Doctors Stevens and Sibbald have recorded their observations respecting the working of the system.

According to all the published accounts of Gheel, and particularly that of Dr. Sibbald, it seems that up to about this period of time no efficient system of general superintendence had been established, without which it would be strange if gross abuses and crimes injurious to the patients were not frequently practised. And without doubt, during the long ages the colony had existed, scenes of great cruelty had been suffered. Slight responsibility attached to the keepers, except so far as the dictates of their religion, and motives of worldly interest guided and directed them in the care of the insane. These could hardly have been sufficient to repress abuse or encourage kindness, much less to reclaim, organize and bring under general superintendence this strange moral waste.

Guislain made Gheel the subject of a most searching examination, and in consequence of the numerous abuses found to exist, condemed the whole system. Another inquiry followed, which also resulted in exposure and condemnation of flagrant abuses, but at the same time in recommendation of the system, and suggested an organized medical superintendence, under the control of the state. Consequently, in 1850 or 1851, M. Parigot was appointed resident medical superintendent, and from that time, a most remarkable change took place in the condition of the insane. The law which inaugurated this state of things creates a superintending body called the general commission, consisting of the governor of the province for its president, the provincial attorney, the commissary, the burgomaster, the dean, the medical inspector, and four members taken from the citizens of Gheel. These hold office for two years, and go out by rotation. This commission appoints annually a

committee of five inhabitants, whose office it is to control the general administration and finances. The medical administration is lodged with the resident medical superintendent, who is appointed by the minister of justice. He writes the reports, grants certificates of cure, and superintends all the affairs of the colony, residing at the infirmary or asylum proper. Under him are four medical assistants, each residing in and visiting all the patients of his own district at least once in a week, and oftener when necessary, or when requested. They report quarterly to the resident medical superintendent, which, accompanied by his comments thereupon, are sent to the superior commissioner. Patients may also be placed under the care of private practitioners, who agree to submit to the same regulations as are laid down for the assistant-physicians. Then comes a corps of civilian inspectors, one for each district, who go from house to house, noting the condition, wants and prospects of every patient, and making regular reports to the superintendent.

A list is kept of those whose characters and dwellings are considered by the authorities as sufficient to qualify them as nurses, and includes the names of those at present under their care.

The insane of different sexes are not allowed to board with the same nurse, unless with the special sanction of the superior commission. Each lunatic is placed specially under the charge of the cottager with whom he boards, who is responsible for any injury done by the patient, and, except in case of emergency or extreme violence, he must not use any measure of restraint, such as the employment of straps, the belt, or the camisole, nor must he place the patient in seclusion without first having received authority for so doing from the assistant physician of the district in which he is located, and the physician must report directly to the superintendent.

Every nurse who violates these rules, who abuses a patient, or who neglects to obey the orders of the superior commission, or the committee, or the physicians, shall be deprived of his license to receive and take care of lunatics. I was informed that several householders had been so deprived of their licenses on account of their violation of regulations, or for neglect or abuse of patients. On the other hand, prizes and rewards are

awarded to such nurses as distinguish themselves by their humanity and devotion to the welfare of their patients. A chaplain is connected with the establishment, for the comfort and benefit of the lunatics.

Quiet patients also attend the public services in the various churches of the commune, unattended by their nurses. Those known to be excitable are accompanied by attendants. The local committee is authorized to fix the dietary, and also the hours of meals. The committee also appoint, when necessary, head attendants, to assist the assistant-physicians. Quiet and orderly patients are permitted to visit, unattended, public houses, places of amusement and refreshment, but the sale of drugs and spirituous liquors to all lunatics, is strictly forbidden. All the details as to clothing, bedding, furniture, &c., are under the direction of the local committee, with the concurrence of the superintendent. Unsuitable patients are excluded by law, and all classes of insane persons may be placed in the commune, except those who require continual restraint or coercion, those who are suicidal, homicidal or incendiaries, and those whose escapes shall have been frequent, or whose malady is of such a character as to offend the public peace or decency.

We are now at Gheel. We know its geography, we have heard its traditions, we have glanced at its history. Let us look at it as it is, and consider briefly its working. The general appearance of the town is quite as good, perhaps better, than other towns of equal size in its neighborhood, and produces, on the whole, a favorable impression on the mind of the visitor. The streets are quiet, but cheerful; the houses tolerably comfortable, though rude in finish, and very plainly furnished; the gardens are neat and well cultivated; the people are well clothed, and they seemed to be well fed. They are industrious, and occupied chiefly in cultivating the soil; the manufactures being confined entirely to the needs of the district, except perhaps small quantities of lace, in the making of which a few women are employed. Some agricultural and dairy products are supplied to the Antwerp market.

On the whole, the remembrance of the town is more pleasing than that of many Irish towns of the same size, and the general feeling in regard to its comforts is much the same as that in

regard to an English or Scotch village, consisting chiefly of peasantry. The hamlets and houses outside the town had the same general character with those in the town, except that they were of ruder construction, less commodious and less tidy. There are in the community about eleven hundred lunatics; a casual observer, a stranger, would pass a day in the village without detecting any marked signs of mental disease in the persons wandering about the streets. There is certainly less peculiar conduct which might be attributed to mental aberration than is witnessed in any second-rate Italian town.

In passing about the town, both alone and with Dr. Bulkens, I visited any and every house I desired, and I ought to state here my belief in the entire honesty and sincerity of the enlightened superintendent, Dr. Bulkens.

Judging from what I saw, the insane in the commune of Gheel are kindly and well cared for. That abuses do exist the Doctor frankly admits. The abuses, if any, are not the result of the system pursued so much as the want of a sufficient number of intelligent medical assistants to carry out the plan adopted.

The patients were in the enjoyment of a good degree of bodily health, were plainly but decently clad, and I believe they were provided with a sufficient quantity of wholesome, nutritious food. I was informed that the laws regulating the management of the insane, allow seventeen ounces of bread and five ounces of meat to each man, and fourteen ounces of bread and four ounces of meat to each woman per day; vegetables were being freely used also. They were generally cleanly in their persons, though not particularly neat or tidy in their habits. The free air and the unrestrained exercise of the powers of locomotion of so large a number of the insane add greatly to the health, quiet and general comfort of the whole. The sleeping accommodations of many of the patients were such as would not be satisfactory in a well-ordered lunatic asylum; the rooms being small, often smaller than our single rooms, never so well lighted, sometimes in lofts or attics, and occasionally, for patients of filthy habits or those who are noisy, in out-houses, as is sometimes practised at almshouses in towns of our own country. The beds of cleanly patients were neat and of the same quality as those of the family.

There is generally no accommodation for bathing, and little for general toilet purposes.

At some of the houses where are placed patients belonging to wealthy families, the apartments were cheerful, agreeable and commodious, and were furnished with some degree of taste and elegance ; some of them contained pianos and other musical instruments, and many of them books and pictures.

Patients from the families of the laboring classes were in considerable numbers engaged at some useful labor ; but those from families of the wealthy were not employed, except as influenced by their pleasure or the character of their delusions.

More than one-half, perhaps five-eighths, of the whole number of patients follow some occupation, though with but little attempt at any regularity or organization.

Some of both sexes were assisting the families with which they boarded in the various household duties, as cooks, nurses and companions for children. Some were laboring as shoemakers, tailors, blacksmiths and wheelwrights. Many of both sexes were employed in the fields, at the usual farm labors. They all or nearly all enjoy the fruits of their own labor. Those who are able to make any contract to perform a piece of work, or to hire themselves out for a day or week, receive their wages and make such use of them as they please.

One man was shown me who had purchased four cows from his earnings, and rented them to the villagers. Others were pointed out who owned goats or donkeys. One whom I saw had taken a contract to paint or color a house, and was about commencing his work.

I was informed that many who were able to work performed labor only at irregular intervals, working a few days and earning a little money, and then idling about until they had expended their earnings.

A large majority of the patients are paupers, but the amount of their earnings is never withheld and credited to the department from which they come, or to their families in payment for their support. Government wisely regulates this, the object being to induce habits of labor, thereby hoping to promote recovery.

There is exercised by the patients great apparent freedom of action and choice of pleasure. They seem to move when and

where they please, with no one to watch their steps. They may work or play, but if they work they receive direct gain in shape of wages for their labor. They may go in and out as any other members of the family do. They may be and are to a certain extent interested in all the details of social life. Though not in their own homes they have a home, live in a family and are members of society, useless it may be, but still they are identified as a part of the community.

There seems to be a general feeling of contentment among the insane which is not found in any asylum. In very few cases indeed did there seem to be any disposition to escape.

But little actual restraint is suffered by the patients; more perhaps, however, than in the best regulated asylums in England or America. But at Gheel restraint is only an interference with certain dangerous muscular efforts. If a patient strikes he wears a leather belt to which his arms are loosely strapped. If he tears his clothes or undresses himself he wears the camisole. If he attempts frequently to escape he wears anklets fastened together by a chain. Sometimes both anklets and wristlets are worn; generally, however, the patient still enjoys free air, and moves about as well as he can where he likes.

The most unpleasant forms of restraint which I saw were those cases of excited epileptics, who, during excitement, wore the camisole, and were also fastened to the bed, and must, from the nature of the case, be left alone a large part of the time. The condition of such, as soon as reported, is improved by admission to the asylum proper.

I am not able to state accurately the amount of restraint, but believe it to be a much larger percentage and of severer character than has been suffered in your own hospital at any time during the last twelve years. I believe also that restraint is going out of use at Gheel, and that if Dr. Bulkens were well supported by able medical assistants, mechanical restraint would soon lose itself in ordinary seclusion in comfortable rooms and private gardens. That you may not consider me a careless or superficial observer, I will briefly show how other alienists have seen the Commune of Gheel. In 1851 Dr. Earle writes: "The accommodations are of various grades; at some houses which I visited the apartments were very agreeable and commodious,

but in none were they furnished in a style nearly so elegant as that of many of the private institutions for the insane in Belgium, France, England and America. But at Gheel much the greater proportion of the patients are supported at the expense of the public, and about fifty cents a week is paid for the board and care of each of these. No very great extent of luxury, either in furniture or food, can be supplied at the rate of seven cents a day. Consequently many of these are placed in garrets, lofts, outhouses and other out of the way nooks and corners, where their accommodations can hardly be accurately described by that expressive word, comfortable. They appear however, to be decently clothed and sufficiently well-fed, and of all that I saw in the numerous houses which I visited in Gheel and the surrounding country, I have no recollection of hearing a word of complaint in these respects. On the contrary, one woman at a large farm-house a mile or two out of town, was sorely troubled because there was too much food, too much clothing, in short too much of everything in the world." Again he says, "Within the town I saw but one patient in the streets upon whom there was any restraining apparatus. His waist was encircled with an iron belt to which his hands were secured by wristlets. In the suburbs and around the farm-houses however there were several who were fettered with iron, the chain between the ancles being about eight inches in length. In some cases the rings around the ancles had abraded the skin and occasioned bad ulcers."

In 1860 Dr. Sibbald writes: "One of the agreeable features of the place is the general contentment manifested by the insane. In very few cases, indeed, did they complain of the injustice of their detention, though questioned on the subject. The comparative liberty of free air was evidently valued by them as a great privilege, more especially among those who had been previously residents in asylums. In one case, that of a young man who had been confined in Guislain's Asylum at Ghent, I was particularly struck with this. He was one of those subjected to mechanical restraint. He had a leather belt around his waist to which his arms were loosely strapped to prevent him from tearing his clothes. I asked him whether he did not find this restraint very irksome, to which he replied in the affirmative. I then asked him why he was thus strapped and

received a very simple, straightforward answer, giving the true reason. In my next inquiry I asked whether he had worn those things at Ghent? and he answered no. Then said I, would you not rather live there? they were kind to you were they not? Yes, replied he, but I prefer to walk about as I like." Again he says, "The greater number were restrained by anklets fastened together by a chain, which as well as the anklets is bound in leather to prevent the unpleasant appearance and jingling of the chain, and to avoid the anklets hurting the wearer, others wore a belt to which their arms were strapped, as in the case of the young man whom I have described above, some wore both belt and anklets."

Again he says, "As far as I could judge from the histories of the cases which I saw, I formed the opinion that two classes of cases, more than any other, derive benefit from this system. One class comprises the milder forms of acute mania, many of which may be successfully treated, though, at first sight, it might appear that their excitement would require that they should be more closely confined as a protection to themselves and others. The other class consists of partially demented cases who have, either through old age or from other causes, fallen into a second childhood. When such a patient is of the male sex he receives much more suitable care and attention from a kindly cottar's wife than is possible even from a conscientious and experienced male attendant; and when there are children in the family, the evident happiness which results from their playful intimacy with their broken-minded friend, either male or female, lights up as nothing else can do, the clouded remnant of their mental life." And again he says, "From what I saw I have every reason to believe in the thoroughly trustworthy nature of the reports of Dr. Bulkens. The patients appeared generally to be in good health, and as far as short residence can determine, they are well cared for. One thing which in such a place must speak strongly as to the character of the administration, is the fact that the worthy medical inspector appears to be a favorite with his patients."

In 1867 Dr. Howe writes: "This establishment flourishes mainly, I think, in virtue of three great advantages for the treatment of insane persons, which were not and are not found in an equal degree at any public hospital in the world.

"First, employment at domestic and agricultural work in company with sane persons, and mostly in the open air. This promotes bodily and mental health, or at least retards the progress of disease.

"Second, social and family relationship with sane persons. This keeps alive and active the unperverted sentiments and affections, and helps to restore the mental and moral balance.

"Third, the greatest possible amount of personal freedom. This not only promotes bodily health, but, by preserving self-respect, promotes mental health." He says "the history of Gheel, from the twelfth to the nineteenth century, may be regarded as a severe test of human virtue and goodness. Tens of thousands of helpless lunatics were thrown upon the hands of simple peasantry, whose control over them was only partially modified by priests and magistrates. Whoever studies carefully the condition of lunatics during these centuries, will conclude that, upon the whole, these unfortunates had more of human enjoyment, and less of suffering, than in other countries where people not only thought, with John, that they were possessed of devils, but with Jeremiah, that they should be put in prison and in the stocks. Upon the whole, human virtue stood the test bravely at Gheel." Again he writes, "Here at Gheel one cannot but rejoice at seeing how large a proportion of the lunatics have entire freedom, and indulge the hope that, by some happy reform, thousands who are now needlessly imprisoned in other lunatic asylums, may have theirs also, and that to the sad loss of reason may not needlessly be added the loss of liberty also."

I visited also the French colony, Fitz James, about fifty miles north of Paris, in the department of Oise. The little town of Clermont is situated in the midst of a fertile and beautiful agricultural region, and, from the eminence on the slope of which it stands, commands an extensive prospect. The original asylum, established by the father of the present managers, which has grown from a very small beginning in a private house to a large and prosperous institution, is situated on the border of this village. In 1849 the original proprietor died, when his sons, the present proprietors, assumed the management, and reorganized the institution. The degree of prosperity was such that, as early as 1856, it was thought advisable to procure more land than was at that time occupied, and try

the effect of a greater amount of out-of-door labor for those whose habits and proclivities would allow of their being employed. Accordingly, an estate of about five hundred acres of land was purchased in the immediate neighborhood in order to carry out the plan. Upon the estate was a mansion-house and such other buildings as would constitute a gentleman's country residence. Other plain buildings of rather rude construction were erected, and soon forty able-bodied, quiet male patients, supported at the expense of the departments, were transferred from the original asylum proper to the colony, and put to work. These were all chronic cases, and had, for various periods of time, performed the out-of-door labor on the ninety acres of land cultivated in connection with the asylum proper at Clermont.

The results were so satisfactory, that Dr. Labitte soon erected other and more extensive buildings for the accommodation of a larger and increasing number of patients of both sexes.

Alterations and additions continued to be demanded until the institution may now be considered quite complete of its kind. It has four distinct departments, with convenient out-buildings, stables, and such other fixtures as a large and well cultivated farm requires. During the seven or eight years since which this system has been inaugurated, the profits of the institution have been so large that the improvements necessary have been made and paid for from the annual income. This colony is simply an appendage to the asylum at Clermont, from which patients may be transferred, when thought desirable by the proprietor, and sent back to the asylum again if necessary.

The four sections to which I referred are: first, one devoted to male patients, who pay liberally for their support, and whose friends prefer placing them here rather than at Clermont. The accommodations are such as may be found in an old country house. Twenty-three male patients, with their attendants, have rooms in this old mansion house, in which are also apartments for the medical officers and their servants. Second, a corresponding establishment at a little distance for female pay patients. These two sections are comfortable, though not furnished with any degree of taste or elegance. That of the males in the mansion-house could hardly be said to have been neat or tidy. Third, one for female paupers, situated at a little distance from the female pay patients, and at a greater distance and in the rear of the section for male pay patients. This sec-

tion is devoted chiefly to laundry operations, and the washing for both asylums is performed here. Fourth, one for the laborers on the farm, where they live in small, rude dwellings, called cottages. These cottages are not models for comfort or convenience, nor are they patterns of good taste and cleanliness. There are other buildings occupied by patients, but of the same general character as those of the third and fourth sections.

The mansion-house is of two stories, and so divided as to accommodate twenty-three patients and the medical officer and manager, with his family and the necessary servants and attendants. It has also, beside parlors and sitting-room, a billiard room. It is quite pleasantly situated in a wide lawn, is surrounded by trees, and has a creek flowing in front.

The section allotted to the female pay patients is also an old country house, of two stories, divided in the usual manner, and has the usual conveniences of a country house. It is well situated in a fine lawn, and gives one, on the whole, a pleasing remembrance. Of the comforts and conveniences of the departments for pauper patients, little can be said. They are destitute of all proper means of lighting, warming and ventilation. They have no conveniences for bathing, and but little attempt is made to preserve habits of common decency. The laundry is quite spacious, well arranged and convenient, and a large amount of useful labor is here performed.

The farm buildings are convenient, and arranged with care and skill, and speak of the thrift and enterprise of the place much more plainly than do the buildings for other purposes. The stables were well filled with a fine stock of oxen and horses, and a large herd of cows were feeding on the lawn. An extensive piggery was filled with choice breeds, and more than one thousand rabbits were kept in boxes, where they were bred for the table and market. There were also butchers' stalls, sheds for carriages and farming implements, and a mill, with steam power; and also, on the creek, in front of the male department, a small, showy building, which contains hydraulic apparatus for lifting water to such parts of the establishment as it may be desired. Besides these, there were store-houses and cellars and cider and wine vaults.

The hospital, or asylum proper, of which I have spoken, is known as the Clermont Asylum, and the colony of Fitz James

is only an appendage to this, in which are lodged in detached buildings, not cottages or houses, the quiet and industrious patients. Nor are these accommodations based upon the model of any family arrangements. They more nearly correspond to military barracks in second-rate villages.

Dr. Gustave Labitte is the medical director and superintendent of the affairs of both establishments, and a brother, Alexander Labitte, has charge of the general administration and direct oversight at the colony where he resides. A medical assistant is employed at each institution. At the asylum proper each division or class has its appropriate airing court, beyond which the patients seldom go. Here, as at the colony, the accommodations for the pay patients are fair, while that of the paupers are bare, uncomfortable and coarse in the extreme. Rooms used as day-rooms contained no furniture but the plainest of wooden benches and heavy tables, not clean, on which their meals were served. Their food was plain, but appeared to be sufficient in quantity and fair in quality. No great order or regularity was observed in dispensing the food, and on the whole the meal was unsatisfactory. Refractory patients could not be well supplied. Feeble patients were not properly attended, and deluded ones were suffered to absent themselves without an effort on the part of the attendants to satisfy their wants.

In this asylum, consisting mainly of three separate ranges of buildings, each with its appropriate grounds and enclosures, there appeared to be an unusual amount of severe restraint of various kinds, which, added to the number of those who were suffering from bruises of varying degrees of severity, leaves on the mind of the visitor painful recollections.

There seemed to be everywhere an utter want of authority, and almost complete absence of any executive power in the internal management of the establishment.

At the colony, which is used as a sort of penal establishment for the strong and healthy and docile who quietly submit to the direction of taskmasters, the condition is better only as the patients are of a class who can labor with profit and consequently enjoy freedom from restraint and the cheerful and healthy influences of out-of-door labor.

The medical end which should be kept in view seems to have

been lost sight of. The patients are not surrounded with any of the customs or habits of social life. I observed no marked attempt to introduce among them reciprocal relations, or to inspire them with sentiments of personal consideration. And I looked in vain for those conditions of social and domestic life of which the family is and must remain the model.

That the patients perform a large amount of useful labor no one can for a moment doubt. The general thrift and pecuniary prosperity of the place sufficiently prove this. Since its establishment, about six hundred acres of land, in a department where land is expensive, have been purchased out of the net proceeds of the establishment, besides the cost of the buildings, fixtures, stock, farming implements and improvements. Here may be seen the best mowing and reaping machines; the most approved ploughs, harrows, drills, cultivators; the most successful methods of raising and fattening improved breeds of cattle, sheep and swine. Here, too, are the finest horses, the best cows, and sleekest oxen to be found in the country, with prize sheep and swine. The buildings, courts, stables and outhouses, all prove how profitable to the proprietors has been the experiment.

The departments which send their poor insane to this colony, are not essentially different in their habits of feeling in regard to the insane from other localities, and consequently appreciate the pecuniary advantages of such a system. Although patients may not recover, the cost of maintenance may be lessened, and habits of obedience acquired may continue when returned to the local authorities. Such, in brief, are my impressions of Clermont. I know they differ widely from those of some other observers who have the same general hopes in regard to the insane, and the same or similar opinions in relation to their management with myself.

Of the French asylums for the insane, you will permit me to make a passing remark of one or two. In Paris, the asylum of St. Anne is perhaps the best It has, architecturally, every advantage over others. Here are found all the accommodations for classification, all the arrangements for care and custody, and all the fixtures for treatment which skill and ingenuity can devise and money procure.

The buildings are neat, plain and substantial, and consist mainly of a separate block for reception and observation of

patients on admission, with rooms for medical offices and for a few convalescents. Opposite to this is a square with a block or pavilion occupying each corner and the middle of each side, with domestic offices and rooms for assistants in a centre block.

These blocks are all connected by a covered walk, which divides the blocks and their appropriate courts from each other. The ranges of apartments on the right of the entrance are occupied by males, and those on the left by females. Day-rooms, dining-rooms, bath-rooms, and rooms for refractory patients are on the first floor, and the sleeping accommodations in associated dormitories are on the second floor. The domestic arrangements, kitchens and laundry are perfect, containing the most expensive machinery of the latest pattern and improvement. There are large cellars, store-rooms and wine-vaults, filled with everything the market could supply. The sewing-rooms, linen and clothing stores are large, abundantly supplied, and were models of neatness and good order. The dietary was good, and seemed to be abundant. The medical stores appeared to be on a scale of the most lavish expenditure; supplies of all kinds were plentiful almost to wastefulness.

The apartments of the patients were very plainly but cleanly furnished. The bedding was good, and the sleeping-rooms light and airy. The rooms for excited patients open into separate airing courts. These rooms are of solid masonry, quite dark, often damp, and must at times be cold. Some of them, however, are very expensively padded, and did not appear to have ever been used. Many of the unpadded rooms were occupied, and in every case, I believe, the patient was also in the camisole. Here may be seen the most elaborate arrangements for the application of water as a remedial agent, and for the general purposes of bathing. In a large room devoted entirely to this use are contrivances quite extraordinary—jets of water of all sizes, from the finest stream to the most powerful douche, heavy enough to fell a strong man; baths of every conceivable form—plunge baths, sitting baths, foot baths, head baths and shower baths; baths in every direction—perpendicular, horizontal and upright. Then there was a sort of platform from which an attendant could control not only all other fixtures in the room, but also a powerful douche from flexible hose. Besides these, there was a coil of

iron pipe enclosing a space four feet in diameter and more than six feet high, so arranged that a man could step inside. The pipe was punctured with small holes on the inside, so that when a patient was placed upright in the centre and the stop was turned the water came rushing with great power from a thousand jets and struck upon every inch of his body in continued streams with immense force. In an adjoining room there was apparatus for vapor baths, and in another a score of ordinary bathing tubs with covers so fixed as to enclose the patient's body in the tub, leaving his head above the lid or cover.

The patients were employed in the laundry, kitchens and sewing-rooms, and in and about the airing courts much as at other hospitals for the insane the world over. There seemed to be no general system of occupation, and no provision for any considerable amount of recreation or amusement, and little or no room for outside exercises.

The hospital at Charenton, a short distance from Paris, is now being completed according to the original plan, only one-half of which has ever been constructed. The building is situated on the brow of a hill and overlooks a beautiful country. It is neat, plain, but rather showy in its exterior, consisting of a centre building and chapel at a little distance in the rear. From these two buildings proceed parallel wings or ranges of apartments. The centre and chapel are united by a range of apartments from front to rear, so that the centre group of apartments enclose four sides of a square; in the centre of this is a statue of Esquirol. Each of the two parallel wings has four small projecting wings, so as to form three sides of four courts in front of each parallel wing, the fourth side being enclosed by a simple erection or covered walk. The four divisions, consisting of the front wing and two of those in the rear wing, are assigned to men. And the two remaining divisions to the women.

In the male division there seemed to be an unusual amount of excitement and in a portion of it considerable violence, and many patients were in camisoles, muffs and wristbands with belts. Quite a large number were also in seclusion. No more than one division of the males were quiet, and in any degree as comfortable as in ordinary American asylums. The female patients appeared to be much more calm, and in every way

better managed. They were more tidily dressed, their apartments were more cleanly and better furnished, and many of them were employed in sewing, knitting and other light work. They also assisted to a small extent in the domestic offices. There seemed to be little or no occupation for the men, and but little recreation for either sex.

The dining and sleeping accommodations are much like those of St. Anne, comfortable but no more. The food was good and sufficient, and a liberal allowance of light wine is given to the patients. Here too, much reliance is placed upon baths; they are used in all their forms, simple and medicated. Cold water is employed in the neuroses, as headache, sleeplessness, hypochondria, hysteria and general atony. Long continued tepid baths are employed as a remedy for the excitement of acute mania, and one may see scores of patients locked into bathing tubs two, four, six, and even eight hours at a time.

In the French asylums there is much to leave on the mind unpleasant impressions, and one's recollection is often painful. The manner and bearing of both physician and nurses seem not to be sincere and honest. There is a want of confidence and a restless suspicion on the part of both which must lead to great discomfort and frequent excitement. In the management of the insane, there did not seem to be a sufficient attempt to awaken their sense of honor and confidence in their own strength to recover their habits of self-control. There was entire absence of any teaching by example the value of moral power and religious confidence. There was no endeavor to excite motives of hope or fear. No influence tending to fix their attention on any particular subjects, or to lead them to engage in any variety of occupation, amusement or intercourse. The same general remarks may be applied to the asylums in Switzerland and Germany if we except the asylum near Neuchatel, in Switzerland, which though small, is quite perfect in all its appointments. It is beautifully situated in a highly cultivated region on the shores of the lake, commanding views of the distaint mountains, &c. The buildings enclose a square, are two stories high, and contain on the lower floor dining-rooms, sitting-rooms and libraries, and also a range of unoccupied rooms for excited patients. On the second floor are the dormitories and single bed-rooms. Here the conduct of the physician and nurses was different. I found Dr. Borell and

his family enjoying coffee, newspapers, books and music, with quite a group of his patients about him, all familiar, cheerful and happy. There was no appearance of suspicion; no fear or dread of returning to the wards and apartments devoted to patients. The whole household seemed to be one family, moved by the same impulse, having the same motives, enjoying the same pleasures and entertaining the same hopes. There was here no seclusion and no restraint. The Doctor was just completing a house for a few patients who could enjoy still larger liberties. This hospital was built and endowed for the poor of the district who pay only a nominal price. It may also receive the wealthy at higher rates, but must always accommodate the poor of its own neighborhood.

The asylums at Geneva and Berne are both well situated, pleasantly arranged, and the patients seemed to enjoy a fair degree of comfort. There appeared to be no striking evidence of tact or skill in the management of either. There was a lack of tidiness and order, and want of discipline and control in the care of the patients, and in the administration of the general affairs of the asylums.

The asylum at Frankfort, which is located near the city in the midst of a beautiful and growing suburb, is a pleasant building of modern plan and construction. The main wings are built on three sides of a square, and the patients' rooms are generally arranged on the back side of the wing and the corrider is open to the front. The day accommodations are mostly on the lower floor, and the sleeping-rooms are above. The patients are kindly but carelessly provided for. They are untidy and unclean, and the house in all its parts is slovenly and dirty.

In striking contrast with this is the asylum at Heppenheim, recently constructed upon an improved plan, and as yet occupied only in part. The building, consisting of centre, lateral and projecting wings, is plain, substantial and showy. Situated in the midst of a beautiful and healthy agricultural region, everything is charmingly neat and scrupulously clean. The patients are tidy, cheerful and social. There was perfect discipline in the control of the house, and great order observed in all the arrangements and details of management. There was more than usual attention given to the subjects of recreation, amusement and labor. The patients were well and cleanly

clad, the tables were bountifully spread. The beds were clean and comfortable, the house was roomy, airy and light. The furniture of the establishment was mostly made by the patients, who perform a large amount of useful labor.

In the continental asylums the apartments assigned to patients have not that finished aspect of comfort which is found almost universally in American institutions. Yet compared with the prevailing customs and habits of the people they are probably as comfortably furnished as our own, and answer the wants of the people of those countries as well as our own hospitals answer the wants of our own people. In the more recent ones, the domestic offices, laundry, kitchen and store-rooms are well appointed and quite perfect. Their facilities for distributing supplies are however inferior. In the treatment of patients, mechanical appliances for the purpose of bodily restraint are more extensively used than in any asylums known to me on this side of the Atlantic. And I dare not write how extensively I have seen such means of restraint in actual use. I have doubtless seen much that was not usual and customary. But sometimes it was difficult to see all I desired, and frequently some departments were very reluctantly shown. This is especially true of Parisian asylums.

In England the public institutions for the insane are of two kinds—hospitals for the middling and upper classes, and county asylums for the paupers. In some of these, patients from well-to-do families may be found who refund to the parish from which they come the expense of support. In Scotland, generally, and in a few only of English asylums, both classes are admitted into the same institution, but commonly separate buildings are provided for the two classes. There are also hospitals founded like Bethlehem and St. Luke's, where curable cases are admitted of persons in good social position, who have become reduced; and there are likewise many private asylums accommodating from three or four to seventy-five or one hundred patients. These may be and formerly were extensively owned and managed by non-professional persons who employed a physician to visit them. Some of them are now managed by the first alienists in the country, and a remarkably good feeling and understanding exists generally between them and the public hospitals and asylums. All these institutions, whether public or private, are under the inspection and control

of the commissioners of lunacy. The private establishments differ but little from private houses; none of them having been constructed for the purpose. They nearly all have fine surroundings, large and beautiful grounds laid out in walks, lawns, croquet and bowling plats, tennis courts, and facilities for every amusement and recreation. In the house there are libraries, billiard and smoking rooms and reading rooms on the lower floor, and sleeping and dining rooms above. In these houses many of the rich keep their own servants, horses and carriages.

There is, I believe, in no case any provision for manual labor, except in such private asylums as are occupied by ladies, where the light occupations sought by ladies in their homes are readily available.

In the public asylums of England, what is termed the non-restraint system prevails, and is, I believe, generally honestly and faithfully carried out.

Cases of fury and violence, though by no means so common as with us, nevertheless do occur, and are often controlled by the administration of drugs, such as opium, nitrate of potash, digitalis and antimony. Seclusion in padded rooms is much resorted to, and in some asylums packing in wet sheets is supposed to exert a powerful controlling influence. Shower-baths are often ordered, both for their remedial effect and as a correction for misconduct.

Some alienists admitted frankly that the non-restraint system might be carried too far, and that in some cases it seemed to be for the best interests of the patient that some restraint be applied, but, on the whole, it was thought best to risk the little suffering that might result for want of restraint, rather than that multitudes should be unnecessarily deprived of their liberty.

As it is in America, so it is in England. The very poor have better opportunities for curative treatment than the middling, well-to-do class; for, when attacked, they are taken to the asylum, and are placed under such restrictions as will at least detain them during the acute and curable stage of disease. The wealthy can remain at home, can travel with servants, or can seek admission in a private asylum, where weeks must elapse before a vacant room can be obtained.

Ten years ago the county asylum of England was on the corridor plan, with single rooms upon one side of the corridor only,

and large associated dormitories for about two-thirds of the patients, and day-rooms for self-seclusion of a few upon each floor of the establishment; the dining rooms being generally in some projecting portion of each corridor; bath rooms, water closets, padded rooms, clothes rooms, and all other appointments on each ward, with airing courts, and outside entrances corresponding to each ward. Then the chapel, recreation room, kitchens, laundry and general stores, in connection with the centre building, where the medical officers had their apartments. Then there were farm buildings and the bailiff's cottage at some distance. Of this plan the Derby and Essex County asylums were ten years ago the best examples. They have retained all they then had, and have both been enlarged and improved by slight departures from the original plans.

But hospital architecture has made large strides in England, so that if we were to-day to make comparisons, where all are so good, our preferences would be strongly in favor of the asylums in Sussex, at Haywards Heath and at Worcester. These two seem to be in advance of all other county asylums which I saw, and it would be difficult to say which is best or which is best managed. They each consist of twelve wards, and accommodate seven hundred patients. The construction is similar to other asylums in many respects, but the appointments are more complete. Corridors, with single rooms for a small portion of the patients, opening on one side, with large day-rooms in each story, and corresponding airing courts, and, as is usual in all the recently built institutions, a corridor of communication passing along the whole length of the wings, by which any ward may be entered without passing through any other ward. On the front of the first lateral wings are large showy one-story projections for dining-rooms, which communicate with all the wards by means of the corridor of communication. These rooms will each seat about three hundred and fifty persons, so that all able-bodied patients of the same sex sit at the same table. The laundry wing leads directly from the female side of the house, and the approaches of the stables and gardens are from the male side. The recreation rooms are near the centre, and the chapel is outside.

The hospital at Northampton and the asylum at Glasgow can be compared with our own institutions, inasmuch as they each

have both paupers and pay patients under the same roof, and in many respects are much like American asylums. In these the apartments for paupers are not as well furnished and as well kept, the patients are not as well fed and cared for as in your own asylum, while the apartments for the pay patients are better supplied, their surroundings are more tasty and comfortable, and, on the whole, they are better cared for than the corresponding class can be in your own hospital. The average price of board for paupers in English asylums is not materially less than is paid here, and the usual price for patients belonging to a class of well-to-do tradesmen, is from thirty to fifty pounds sterling.

In asylums in England and Scotland of a still more recent date, the day-rooms and all accommodations are on the first floor, and all the sleeping accommodations in large dormitories, with a few single rooms, are on the second floor, except the infirmary wards, which are usually, though not always, on the first floor.

Alterations now going on in some of the older asylums will convert them into blocks or pavilions, connected with each other by covered walks, each block or pavilion having day accommodations on the first floor, and sleeping rooms above assigned to particular classes of patients, and these classes generally taking their meals in one large dining hall.

Many asylums of all classes have detached buildings or cottages, for the accommodation of a few patients who cannot well be classed in the asylum proper, and great advantage is found to result from this plan.

In Ireland, the asylums were found to be quite as good as in England or Scotland, though of poorer construction, and laboring under other great disadvantages. The institutions were generally on the corridor plan, with rooms on one side only, and central dining-rooms. The kitchens, laundry and storehouses were all well constructed, and the patients seemed to be kindly and well cared for.

In most of the particulars of moral treatment, the English asylums are fully equal to those of the United States. In the most important of all, if reference be had to curative treatment, or the quietude, order and hygienic condition of the patients,—that of occupation for the inmates,—they are supe-

rior. Their superiority lies not in the more ardent wish or the greater efforts for the welfare of their patients, for in these respects none excel American superintendents, but in the education of the people, and the nature of their political governments, and also the social restraints under which they live. Obedience to authority becomes by education a habit and principle of life. The English peasant and mechanic have an ingrained belief that they are not only born to labor, but to obey authority, and they readily and without question do as they are bid. Very different are they, and all the continental peasantry, from the American, who looks upon labor as somewhat menial, or, at any rate, regards it as his capital, upon which he has a right to fix his price.

As to correctional means, in the strict sense of the term, there are none in any good institution, and if strong measures are necessary, they must ever bear at the same time more or less of a medical or therapeutical character, and correspond precisely to the mental peculiarity of the patient, whereby their particular healing aim is not lost. Therefore alienists direct the most reasonable mode, not excepting the most extended douche, the deprivation of nourishment, and the like, seeking out for each individual case the most suitable measure, which often requires the deepest meditation.

Their argument is that the insane are diseased, and that their malady is not only curable, but, like all other maladies, curable in proportion to the promptness with which the treatment follows the attack, and that there should be no obstacle in the way of receiving treatment. That some restraint is considered necessary by them for the violent and demonstrative, is manifested by their tenacity for the shower bath, the packing sheet, and nauseating doses of antimony. That a large amount of personal freedom is best for the many, is shown in their so pertinaciously following the system inaugurated by Dr. Connolly at a time when one could hardly think of institutions for the insane without chains, scourges and bands of iron. But, thanks to the humane spirit of the age, which has at last forced its way like a loving genius into the cells of human beings who had sunk to a condition lower than the brutes, and removed from most of them those unhappy conditions which a harder and colder age had made a necessity.

For any success which has attended the labors in this hospital during the year past, great credit is due to Joseph Draper, M. D., Assistant-Physician, and D. W. Bemis, Esq., Steward and Treasurer, who have performed all their duties, and executed all plans faithfully and scrupulously.

Alfred E. Walker, M. D., who acted as Assistant-Physician during a part of the year, leaves to engage in other duties, with the kind wishes of all who came in contact with him.

The Supervisors, Marshall S. Greene, Miss Evans, and Miss Butter , have done much to promote the welfare of the patients by the kindness and faithfulness in which they performed all their duties. The attendants generally are to be commended for their thorough devotion to the best interests of those committed to their care.

Our thanks are due to Miss Dix for the kind interest she has manifested in the welfare of the institution.

I desire to express my sense of obligation to the many friends who have contributed to the welfare of our patients by their frequent concerts in sacred music.

We are also under obligations to many friends for especial favors, among whom may be mentioned Dr. R. W. Hooper, William Knowlton, Esq., Professor Bushee, Professor Harrington, Mr. Brainard, and others.

To the publishers and proprietors of newspapers and periodicals in the city and throughout the Commonwealth, who have sent to us their daily, weekly and monthly issues, we are greatly indebted.

To you, gentlemen, for the personal kindness, the cordial support, and the sympathy enjoyed at all times from each individual member of your board, permit me to renew the expression of my grateful sense of obligation.

With renewed vigor we commence the labors of the new year, trusting that we may be able to devote ourselves wholly and entirely to the development of the highest and best possibilities of our calling.

MERRICK BEMIS.

WORCESTER LUNATIC HOSPITAL,
WORCESTER, MASS., Oct. 1, 1868.

METEOROLOGICAL OBSERVATIONS

MADE AT

THE STATE LUNATIC HOSPITAL, WORCESTER, MASS.,

1867-8.

Latitude, 42° 16′ 17″ *N.*; *Longitude* 71° 48′ 13″ *W.*
Elevation, 528 *feet.*

EXPLANATION.—The force of the wind is estimated upon a scale of 10 and indicated by figure affixed to the letters denoting the direction. When no number is affixed, 1 is meant.

*

METEOROLOGICAL OBSERVATIONS—OCTOBER, 1867.

Moon's Phases.	Days of the month.	THERMOMETER.				BAROMETER. Cor. and Red. to 32°.			CLOUDS. 10=covered.			WIND. Direction and Force.			RAIN AND SNOW.				REMARKS.
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7A.M.	2P.M.	9P.M.	7 A. M.	2 P. M.	9 P. M.	Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow.	
	1	38	58	51	49	29.290	29.223	29.182	0	1	0	N. W.	W.	S. W.	–	–	–	–	Ice formed ⅛ of an inch.
	2	45	71	60	59	29.185	29.021	28.978	1	8	2	W.	S. W.	–	–	–	–	–	Aurora Borealis.
	3	57	61	52	57	29.066	29.161	29.340	0	5	9	N. W.	W.	N. E.	–	–	–	–	
	4	40	53	49	47	29.558	29.611	29.631	8	8	10	N. E.	E.	E.	–	–	–	–	
☽	5	49	54	63	55	29.493	29.205	29.108	10	10	10	E.	E.	–	2½ a. m.	–	–	–	Rain.
	6	47	53	45	48	29.276	29.371	29.548	2	2	8	N. W.	N. W.	N.	–	2 a. m.	1.40	–	
	7	40	53	42	45	29.612	29.596	29.694	0	0	0	N.	N.	N.	–	–	–	–	Cloudless frost.
	8	40	56	46	47	29.724	29.663	29.626	1	1	5	N.	N. W.	S.	–	–	–	–	Frost.
	9	41	59	52	51	29.534	29.397	29.220	5	6	9	S. W.	S. W.	S. W.	–	–	–	–	"
	10	54	67	54	58	29.084	29.028	29.033	8	3	0	S. W.	S. W.	S.	–	–	–	–	Rain.
	11	52	54	51	52	29.114	29.141	29.154	10	10	10	N. E.	E.	S. E.	7 a. m.	–	–	–	"
	12	45	47	47	46	29.117	29.169	29.187	10	10	10	N. E.	N. E.	S.	–	–	–	–	"
☺	13	45	52	48	48	29.231	29.233	29.303	10	7	10	N. W.	N. W.	N. W.	–	a. m.	.48	–	
	14	43	59	48	50	29.346	29.297	29.353	0	1	6	S. W.	N. W.	S. W.	–	–	–	–	Frost.
	15	42	63	50	52	29.379	29.253	29.345	2	10	0	S. W.	S. W.	N. W.	–	–	–	–	Slight rain.
	16	46	59	48	51	29.528	29.450	29.601	0	1	1	N.	N. E.	–	–	–	–	–	
	17	46	68	57	57	29.578	28.430	29.375	0	3	0	S. W.	S. W.	S. W.	–	–	–	–	Hazy-fine weather.
	18	54	75	62	64	29.280	29.219	29.269	0	2	0	S. W.	W.	S. W.	–	–	–	–	" "
	19	56	75	58	63	29.392	29.401	29.492	0	2	0	W.	W.	N. E.	–	–	–	–	" "
☾	20	57	66	53	59	29.645	29 673	29.728	4	8	10	N. E.	N. E.	N. E.	–	–	–	–	
	21	52	56	56	55	29.722	29.637	29.615	10	10	10	N. E.	N. E.	S. W.	–	–	–	–	
	22	58	67	59	61	29.502	29.349	29.384	10	10	10	S. W.	S. W.	N. W.	8 p. m.	–	–	–	Thunder-shower in eve.
	23	44	49	39	44	29.555	29.613	29.755	8	1	0	N.	N.	N.	–	1 a. m.	.08	–	
	24	31	49	37	39	29.839	29.806	29.826	2	0	0	N.	N.	N.	–	–	–	–	Aurora Borealis in even.
	25	32	54	44	43	29.859	29.770	29.768	7	1	3	N. E.	S. W.	S. W.	–	–	–	–	Heavy frost, smoky.
	26	38	58	45	47	29.716	29.643	29.663	1	7	0	N. W.	N. W.	N. W.	–	–	–	–	"
●	27	40	60	47	49	29.689	29.668	29.720	0	0	0	N. W.	N. W.	S. W.	–	–	–	–	"
	28	38	59	47	48	29.774	29.697	29.678	9	8	3	S. W.	N. E.	N. E.	–	–	–	–	" smoky.
	29	45	53	49	49	29.548	29.341	29.183	10	10	10	N. E.	N. E.	N. E.	7 a. m.	–	–	–	Rainy.
	30	47	50	51	49	29.037	28.984	29.032	10	10	10	N. E.	N.	N.	–	8 p. m.	1.83	–	"
	31	49	57	51	52	29.034	29.006	29.183	3	10	1	N.	N.	N. W.	–	–	–	–	
Means,		45	58	50	51	29.442	29.389	29.419	4.	5.	4.				Amount,		3.79	–	

METEOROLOGICAL OBSERVATIONS—NOVEMBER, 1867.

Moon's Phases.	Days of the month.	THERMOMETER.				BAROMETER. Cor. and Red. to 32°.			CLOUDS. 10=covered.			WIND. Direction and Force.			RAIN AND SNOW.				REMARKS.
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7A.M.	2P.M.	9P.M.	7 A. M.	2 P. M.	9 P. M.	Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow.	
	1	41	50	44	45	29.386	29.311	29.179	1	10	7	N.	W.	S. W.	–	–	–	–	Cloudy.
	2	46	65	54	55	28.974	28.791	29.011	1	0	0	S. W.	W.	S. W.	–	–	–	–	Hazy A.M.; fair P.M.
	3	41	52	49	47	29.284	29.263	29.182	9	6	10	N.	S. W.	S.	8½ p. m.	–	–	–	Cloudy and rainy.
☽	4	58	48	43	50	28.931	29.136	29.403	7	10	10	S. W.	N. W.	S. W.	–	4 a. m.	.13	–	Cloudy.
	5	34	47	35	39	29.620	29.611	29.609	1	2	0	W.	N. W.	S. W.	–	–	–	–	Fair weather.
	6	37	41	32	37	29.500	29.444	29.592	2	3	4	W.	N. W.	N. W.	–	–	–	–	Fair weather.
	7	20	32	31	28	29.743	29.673	29 653	8	10	10	N.	E.	S. W.	–	–	–	–	Cloudy; s'wflakes, A.M.
	8	34	40	39	38	29.590	29.472	29.447	10	10	10	E.	N. E.	N.	–	–	–	–	Cloudy.
	9	40	68	58	55	29.447	29.323	29.415	10	8	10	N. E.	S. W.	S. W.	8 p. m.	–	–	–	Cloudy and rainy.
	10	59	65	55	60	29.445	29.400	29.300	10	4	10	S. W.	S.	N. E.	6 p. m.	10 a. m.	.83	–	Cloudy and rainy.
○	11	50	56	43	50	29.418	29.355	29.298	10	4	0	W.	W.	N. W.	–	1 a. m.	.68	–	Cloudy.
	12	44	41	34	40	29.067	28.892	28.852	10	10	10	N. E.	N.	N.	5½ p. m.	–	–	–	Cloudy; snowfl'kes,P.M.
	13	30	30	27	29	28.898	28.873	29.031	9	9	0	N. W.	N.	N. W.	–	3 a. m.	.32	1.5	Cloudy and blustering.
	14	22	41	39	34	29.068	28.868	28.997	2	9	3	S. W.	S. W.	S. W.	–	–	–	–	Cloudy.
	15	28	31	25	28	29.413	29.523	29.593	10	5	10	N.	N. W.	S. W.	–	–	–	–	Cl'dy with snow squalls.
	16	30	44	38	37	29.283	29.047	29.110	10	3	9	S.	N. W.	N. W.	8 a. m.	11 a. m.	.15	–	Cl'dy with snow.
	17	26	32	30	29	29.158	29.033	28.990	4	1	10	N. W.	N. W.	S. W.	8 p. m.	9 p. m.	.01	.2	Fair A.M.; snow sq.P.M.
☾	18	17	22	17	19	29.161	29.187	29.299	0	8	1	N. W.	N. W.	S. W.	–	–	–	–	Fair weather.
	19	12	21	14	16	29.433	29.462	29.602	1	8	0	S. W.	N. W.	S. W.	–	–	–	–	Coldest dayof the season.
	20	22	35	40	32	29.639	29.453	29.342	10	10	10	W.	S. W.	S. W.	–	–	–	–	Cloudy and squally.
	21	36	37	26	33	29.222	29.575	29.685	10	1	0	N.	N. E.	N. E.	–	–	–	–	Wild geese migrate.
	22	26	38	37	34	29.701	29.628	29.612	10	10	10	N. E.	S. E.	S.	–	–	–	–	Cloudy and rainy.
	23	38	46	42	42	29.570	29.526	29.556	10	10	10	S.	S. W.	S. W.	3 p. m.	7 p. m.	.04	–	Cloudy and rainy.
	24	42	44	42	43	29.589	29.581	29.624	10	10	10	S. W.	S.	S. W.	9 p. m.	10 p. m.	.01	–	Cloudy and rainy.
	25	43	52	42	46	29.614	29.531	29.494	10	10	10	N. E.	S. W.	S.	–	–	–	–	Cloudy slight aurora.
●	26	46	54	42	47	29.337	29.249	29.269	10	10	3	S. W.	S. W.	S. W.	9 a. m.	10½ a.m.	.01	–	Rain A.M.; fair P.M.
	27	35	49	35	40	29.467	29.442	29.423	0	1	2	W.	N. E.	S. W.	–	–	–	–	Fair weather.
	28	35	40	39	38	29.383	29.360	29.400	3	10	10	N. E.	N. E.	N. E.	9 a. m.	–	–	–	Cloudy and rainy.
	29	38	42	46	42	29.390	29.388	28.808	1	10	10	N. E.	N. E.	S. E.	–	–	–	–	Drizzly.
	30	32	25	15	24	28.748	28.951	29.287	0	3	0	N. W.	N. W.	N. W.	–	2 a. m.	.01	–	Fair weather.
Means,		35	42	37	38	28.882	28.844	28.868	6.	6.	6.				Amounts,		2.19	1.7	

METEOROLOGICAL OBSERVATIONS—DECEMBER, 1867.

Moon's Phases.	Days of the month.	Thermometer. 7 A. M.	Thermometer. 2 P. M.	Thermometer. 9 P. M.	Thermometer. Mean.	Barometer. Cor. and Red. to 32°. 7 A. M.	Barometer. 2 P. M.	Barometer. 9 P. M.	Clouds. 10=covered. 7A.M.	Clouds. 2P.M.	Clouds. 9P.M.	Wind. Direction and Force. 7 A. M.	Wind. 2 P. M.	Wind. 9 P. M.	Rain and Snow. Hour Began.	Rain and Snow. Hour Ended.	Rain and Snow. Inches Rain & Melted Snow.	Rain and Snow. Inches Snow.	Remarks.
	1	12	22	15	16	29.625	29.717	29.787	3	1	1	N.	N. W.	N. W.	8 a. m.	2½ p. m.	.10	1.25	Fair.
	2	22	28	25	25	29.639	29.409	29.373	10	10	0	S. W.	S. W.	S. W.	–	–	–	–	Stormy.
	3	25	35	27	29	29.416	29.326	29.316	9	5	5	S. W.	W.	W.	–	–	–	–	Fair.
☽	4	23	24	15	21	29.188	29.176	29.222	0	0	3	N. W.	N. E.	N. E.	–	–	–	–	Fair.
	5	12	27	23	21	29.172	29.161	29.336	5	3	10	N. E.	N. W.	. W.	–	–	–	–	Fair.
	6	22	32	42	32	29.521	29.321	28.946	5	10	10	W.	S. W.	. W.	4 p. m.	12 p. m.	.09	–	Squally and stormy.
	7	35	34	25	31	28.931	29.050	29.196	6	4	3	N. W.	W.	W.	–	–	–	–	Fair.
	8	12	19	13	15	29.417	29.312	29.377	0	5	0	W.	W.	W.	–	–	–	–	Fair.
	9	0	6	2	3	29.443	29.483	29.546	1	0	0	N.	N. W.	N. W.	–	–	–	–	Fair.
☺	10	10	27	16	18	29.283	29.117	29.287	10	1	0	N. E.	N. W.	N. W.	4 a. m.	10 a. m.	.13	2	Stormy A.M.; Fair P.M.
	11	12	22	16	13	29.342	29.314	29.402	1	2	8	N. W.	N. W.	N. W.	–	–	–	–	Fair.
	12	3	3	2	3	29.457	29 440	29.346	5	10	10	N. E.	N. E.	N. E.	3 p. m.	–	–	–	Cloudy and stormy.
	13	4	7	10	7	29.306	29.333	29.457	8	5	0	N. E.	N.	N. W.	–	3 a. m.	.30	6	Fair.
	14	–3	15	17	10	29.596	29.581	29.561	0	10	10	N. E.	N. E.	N. E.	–	–	–	–	Fair.
	15	17	20	19	19	29.472	29.314	29.192	10	10	10	N. E.	N. E.	N. E.	3 p. m.	–	–	–	Cloudy and stormy.
	16	20	22	18	20	28 959	28.909	29.072	10	5	0	N. W.	N. W.	N. W.	–	4 a. m.	.14	2.50	Fair.
☾	17	19	27	26	24	29.120	29.041	28.996	1	10	10	N. W.	N. W.	N.	–	–	–	–	Fair.
	18	19	24	15	19	29.244	29.381	29.509	2	3	0	N. W.	N. W.	N. W.	–	–	–	–	Fair.
	19	5	14	4	8	29.648	29.821	29.894	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	Clear.
	20	6	18	28	17	29.801	29.585	29.472	8	10	10	N. W.	S. W.	S. W.	9 a. m.	7 p. m.	.19	1	Stormy.
	21	26	36	30	31	29.736	29.768	29.765	4	8	8	S. W.	S. W.	S. W.	–	–	–	–	Fair.
	22	29	36	39	35	29.538	29.190	29.072	10	10	10	N. E.	N. E.	W.	12 a. m.	12 p. m.	.59	2	Stormy.
	23	37	27	20	28	28.946	29.100	29.457	6	2	2	W.	N. W.	N. W.	–	–	–	–	Fair.
	24	19	28	32	26	29.679	29.591	29.441	4	8	10	N. W.	N. W.	S. W.	–	–	–	–	Cloudy.
●	25	32	37	36	35	29.653	29.620	29.518	10	6	10	N. W.	W.	N. W.	12 a. m.	12 p. m.	.42	–	Stormy.
	26	46	47	40	44	29.115	29.276	29.514	10	0	0	W.	W.	S. W.	–	–	–	–	Fair.
	27	34	44	50	49	29.632	29.242	29.154	6	8	8	S. W.	S. W.	S. W.	–	–	–	–	Cloudy.
	28	46	45	37	43	29.211	29.307	29.442	10	4	10	N. W.	N. W.	N. W.	9 p. m.	12 p. m.	.11	–	Stormy.
	29	28	35	27	30	29.458	29.430	29.585	1	2	2	S. W.	N. W.	N. W.	–	–	–	–	Fair.
	30	22	22	19	21	29.696	29.641	29.719	10	2	2	N. W.	N. W.	W.	–	–	–	–	Fair.
	31	10	25	24	20	29.915	29.752	29.757	8	8	10	W.	W.	W.	–	–	–	–	Fair.
Means,		19	26	22	23	29.424	29.671	29.410	5.	5.	5.				Amounts,		2.07	14.75	

METEOROGICAL OBSERVATIONS—JANUARY, 1868.

Moon's Phases.	Days of the month.	THERMOMETER.				BAROMETER. Cor. and Red. to 32°.			CLOUDS. 10=covered.			WIND. Direction and Force.			RAIN AND SNOW.				REMARKS.
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow	
	1	25	35	35	32	29.454	28.978	28.698	10	10	10	N. E.	N. E.	N. E.	3 a. m.	12 p. m.	1.13	3	Stormy all day.
☽	2	37	37	33	36	29.893	29.078	29.048	8	8	9	W.	N. W.	S. W.	–	–	–	–	Cloudy all day.
	3	32	38	27	32	29.140	29.175	29 270	9	1	4	N. W.	N. W.	N. W.	–	–	–	–	Fair all day.
	4	29	28	14	24	29.153	29.083	29.161	10	10	10	N. E.	N. E.	N. E.	3¼ a. m.	12 p. m.	.20	4	Stormy all day.
	5	15	19	15	16	29.409	29.432	29.492	2	0	0	N. W.	N. W.	N. W.	–	–	–	–	Fair all day.
	6	11	26	21	19	29.460	29.409	29.467	0	2	2	S. W.	W.	W.	–	–	–	–	Fair all day.
	7	23	35	31	30	29.404	29.376	29.394	0	5	10	N. W.	N. W.	N. W.	–	–	–	–	Fair all day.
☺	8	31	37	32	38	29.332	29.265	29.165	9	9	9	N. W.	N. E.	N. E.	–	–	–	–	Cloudy all day.
	9	27	27	8	21	29.043	28.926	29.114	9	8	0	N. W.	N. W.	N. W.	–	–	–	–	Cloudy and squally.
	10	5	10	6	7	29.243	29.253	29.270	0	1	2	N. W.	N. W.	W.	–	–	–	–	Fair all day.
	11	7	22	15	15	29.248	29.174	29.214	0	0	10	S. W.	S. W.	S. W.	–	–	–	–	Fair; snow squall 9 P.M.
	12	7	10	6	8	29.367	29.446	29.495	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	Cloudless.
	13	4	16	10	10	29.601	29.573	29.671	0	2	0	N. W.	N. W.	W.	–	–	–	–	Nearly the same.
	14	12	19	17	16	29.763	29.723	29.687	2	10	8	N. W.	S. W.	S. W.	–	–	–	–	Cloudy all day.
☾	15	15	19	12	15	29.525	29.379	29.359	10	10	3	N. E.	N. E.	N.	3 a. m.	12 m.	.09	1	C'dy, sn. fr. 3 p.m. to 12
	16	10	31	15	19	29.290	29.159	29.244	5	5	0	N.	N. W.	N. W.	–	–	–	–	Fair all day. [p. m.
	17	9	21	14	15	29.192	29.174	29.270	1	1	0	N. W.	N. W.	W.	–	–	–	–	Fair all day.
	18	9	24	15	19	29.392	29.429	29.517	0	2	9	N. W.	W.	S. W.	–	–	–	–	Fair all day.
	19	15	25	14	18	29.680	29.709	29.715	0	2	1	N. W.	N. W.	W.	–	–	–	–	Fair all day.
	20	19	32	32	28	29.615	29.496	29.446	10	10	10	S. W.	S. W.	S. W.	–	–	–	–	Cloudy all day.
	21	28	25	25	26	29.123	28.891	29.153	10	10	10	N. E.	N. E.	N. E.	2½ a. m.	11 p. m.	.44	8	C'dy, sn.fr. 2½ p.m. to 11
	22	19	30	20	23	29.591	29.750	29.833	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	Cloudless to 8 p.m. [p.m.
	23	14	36	39	30	29.789	29.451	29.233	10	10	3	N. W.	N. W.	S. W.	12 m.	8 p. m.	.58	–	C'dy all day; rain from
●	24	33	33	28	31	29.238	29.240	29.291	0	8	5	N. W.	N. W.	N. W.	–	–	–	–	Fair all day. [12 M.
	25	19	27	21	22	29.446	29.436	29.499	3	4	1	N. W.	N. W.	N. W.	–	–	–	–	Fair all day.
	26	20	27	12	20	29.497	29.416	29.427	6	10	10	N. W.	N. E.	N. E.	1 p. m.	–	–	–	C'dy all day, com. snow'g
	27	14	22	23	20	29.362	29.267	29.301	10	10	10	N. E.	N. E.	N. E.	–	–	–	–	Cl'dy & stormy. [1 p.m.
	28	21	24	20	22	29.401	29.426	29.507	10	8	9	N. E.	N. E.	N.	–	–	–	–	Cloudy and stormy.
	29	20	22	23	22	29.512	29.341	29.201	10	10	10	N. E.	N. E.	N.	–	8 p. m.	.93	11	Cloudy and stormy.
	30	23	23	15	20	29.299	29.421	29.629	10	5	2	N. W.	N. W.	N. W.	–	–	–	–	Fair again.
☽	31	10	21	15	15	29.753	29.732	29.835	2	1	0	N. W.	N. W.	N. W.	–	–	–	–	Fair.
Means,		18	25	19	21	29.426	29.342	29.376	5.	5.	5.				Amounts,		3.27	27	

METEOROGICAL OBSERVATIONS—FEBRUARY, 1868.

Moon's Phases.	Days of the month.	THERMOMETER.				BAROMETER. Cor. and Red. to 32°.			CLOUDS. 10=covered.			WIND. Direction and Force.			RAIN AND SNOW.				REMARKS.
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7A.M.	2P.M.	9P.M.	7 A. M.	2 P. M.	9 P. M.	Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow.	
☽	1	7	27	18	17	29.953	29.919	29.854	0	1	0	S. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	2	10	30	23	21	29.683	29.531	29.487	1	10	10	N. W.	N. W.	N. W.	–	–	–	–	Hazy P. M.; lunar halo [9 P.M.
	3	7	6	–3	3	29.617	29.804	29.929	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	Cloudless.
	4	–1	21	12	18	29.740	29.597	29.708	8	6	0	S. W.	W.	S. W.	–	–	–	–	Cloudy A. M.; fair P. M.
	5	–3	25	21	14	29.762	29.652	29.349	0	5	10	S. W.	S. W.	N. E.	7 p. m.	–	–	–	Fair A.M.; cloudy P.M.
	6	24	32	25	27	28.936	28.838	28.991	10	8	6	N. E.	N. W.	N. W.	–	7 a. m.	.62	4.75	Stormy and cloudy.
	7	11	17	8	12	29.092	29.320	29.568	8	4	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
○	8	1	16	7	8	29.799	29.803	29.725	0	0	1	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	9	24	28	36	29	29.442	29.106	28.936	10	10	10	S. W.	S. W.	S. W.	7½ a. m.	–	–	–	Rainy.
	10	18	14	6	13	29.373	29.565	29.665	0	2	1	N. W.	N. W.	N. W.	–	1 a. m.	.45	–	Fair weather.
	11	5	17	9	10	29.676	29.623	29.685	10	5	4	N. E.	N. E.	N. E.	–	–	–	–	Cloudy.
	12	4	25	17	25	29.753	29.690	29.729	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	Cloudless.
	13	15	34	32	27	29.657	29.476	29.363	2	9	0	S. W.	S. W.	N. W.	–	–	–	–	Fair weather.
	14	15	18	14	16	29.567	29.535	29.642	3	1	8	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
☾	15	19	36	33	29	29.542	29.391	29.383	4	5	5	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	16	25	30	20	25	29.521	29.545	29.611	2	2	2	N. E.	N. E.	N. E.	–	–	–	–	Fair weather.
	17	10	32	30	14	29.517	29.291	29.185	10	10	10	N. E.	S. E.	S. E.	4 p. m.	–	–	–	C'dy A.M.; stormy P.M.
	18	22	23	15	20	29.292	29.304	29.362	1	0	1	N.	N. W.	N. W.	–	3 a. m.	.19	2.00	Fair weather.
	19	16	36	30	27	29.217	29.161	29.323	8	2	0	S. W.	W.	N. W.	–	–	–	–	Fair weather; snow sq's.
	20	32	42	38	37	29.371	29.318	29.220	0	2	1	N. W.	N. W.	W.	–	–	–	–	Fair weather.
	21	37	48	24	36	29.140	29.162	29.383	5	2	2	S. W.	S. W.	N. W.	–	–	–	–	Fair weather.
	22	10	16	5	11	29.555	29.615	29.725	2	0	0	N. E.	N.	N. W.	–	–	–	–	Fair weather.
●	23	–4	5	4	2	29.852	29.919	30.042	0	2	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather, cold't day.
	24	7	21	16	15	30.097	30.020	29.997	2	10	2	N. W.	N. W.	N. W.	–	–	–	–	Cloudy.
	25	12	25	19	19	29.950	29.882	29.865	5	5	2	N. W.	N. E.	N. E.	–	–	–	–	Hazy all day.
	26	16	27	26	23	29.840	29.784	29.686	4	10	10	N. E.	N. E.	N. E.	–	–	–	–	Cloudy all day.
	27	20	32	29	27	29.521	29.326	29.136	5	9	10	N. E.	N. E.	N. E.	3 p. m.	–	–	–	C'dy A.M.; stormy P.M.
	28	27	31	24	27	28.891	28.823	28.876	10	3	3	N. E.	N. E.	N. W.	–	9 a. m.	.27	2.00	Stormy and cloudy.
	29	18	18	11	16	28.959	29.012	29.259	3	1	1	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
Means,		14	25	19	19	29.521	29.517	29.506	3.	4.	3.				Amounts,		1.53	8.75	

METEOROGICAL OBSERVATIONS—MARCH, 1868.

Moon's Phases.	Days of the month.	THERMOMETER. 7 A. M.	THERMOMETER. 2 P. M.	THERMOMETER. 9 P. M.	THERMOMETER. Mean.	BAROMETER. Cor. and Red. to 32°. 7 A. M.	BAROMETER. 2 P. M.	BAROMETER. 9 P. M.	CLOUDS. 10=covered. 7A.M.	CLOUDS. 2P.M.	CLOUDS. 9P.M.	WIND. Direction and Force. 7 A. M.	WIND. 2 P. M.	WIND. 9 P. M.	RAIN AND SNOW. Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow.	REMARKS.
	1	2	17	18	12	29.375	29.375	29.297	0	4	10	N. W.	N. W.	N. E.	1½ p. m.	–	–	–	Driving N.E. snow st'm.
☽	2	12	7	7	9	28.924	28.690	28.860	10	10	10	N. E.	N. E.	N. E.	–	10 p.m.	.55	4	
	3	4	11	2	4	29.040	29.133	29.228	10	3	0	N. W.	N. W.	N. W.	–	–	–	–	
	4	2	27	16	21	29.286	29.375	29.580	1	3	0	N. W.	N. W.	N. W.	–	–	–	–	
	5	16	33	19	23	29.765	29.801	29.949	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	
	6	8	34	34	25	30.005	29.891	29.780	8	10	10	N. W.	S.	S. W.	–	–	–	–	
	7	38	46	40	41	29.675	29.619	29.619	10	7	10	S. W.	S. W.	S. W.	–	–	–	–	
○	8	42	48	42	44	29.542	29.491	29 667	8	6	0	S. W.	S. W.	N. W.	–	–	–	–	
	9	33	48	40	40	29.670	29.716	29.714	0	2	0	N. W.	N. W.	N. W.	–	–	–	–	
	10	40	47	44	44	29.644	29.456	29.456	5	9	10	N. W.	S. W.	S. W.	–	–	–	–	
	11	39	34	27	33	29.662	29.858	29.973	5	2	1	N. W.	N.	N.	–	–	–	–	
	12	21	35	34	30	29.912	29.740	29.555	1	9	10	N. E.	S. W.	S. W.	8 p. m.	–	–	–	Rain from S. W.
	13	41	49	41	43	29.205	29.119	29.160	10	8	2	S. W.	S. W.	S. W.	–	9 a. m.	.51	–	Blue birds and robin ap-
	14	41	51	41	44	29.227	29.274	29.357	4	3	5	W.	W.	N. W.	–	–	–	–	[peared.
☾	15	41	56	48	48	29.365	29.356	29.436	9	5	1	W.	S. W.	S. W.	1 p. m.	2 p. m.	.06	–	Shower, Puss Willow in
	16	42	47	44	44	29.492	29.451	29.559	10	10	10	N. E.	N. E.	N. E.	1 a. m.	–	–	–	Rain. [blossom.
	17	38	53	51	47	29.373	29.292	29.292	10	10	10	N. E.	S. W.	S. W.	–	–	–	–	Rain.
	18	46	54	35	45	29.267	29.332	29.517	10	2	2	N. W.	N. W.	N. W.	–	8 a. m.	.87	–	
	19	28	42	33	34	29.613	29.572	29.667	0	0	1	N. W.	N. E.	N. E.	–	–	–	–	Aurora Borealis, 9 P.M.
	20	26	44	32	34	29.585	29.462	29.348	0	8	10	N. E.	N. E.	N. E.	–	–	–	–	Hazy, P. M.
	21	28	29	31	29	28.869	28 641	28.656	10	10	10	N. E.	N. E.	N. E.	2 a. m.	4 p. m.	.83	4½	Furious snow storm.
	22	28	33	29	30	28.871	29 018	29.250	6	2	1	N. W.	N. W.	N. W.	–	–	–	–	
	23	26	42	38	35	29.291	29.195	29.165	8	2	1	N. W.	N. W.	N. W.	–	–	–	–	
●	24	34	40	29	31	29.175	29.325	29.541	1	1	0	N. E.	N. W.	N.	–	–	–	–	Aurora Borealis, 9 P. M.
	25	26	38	31	32	29 664	29 575	29.570	5	1	1	N. E.	N. E.	N. E.	–	–	–	–	Aurora Borealis.
	26	27	38	32	32	29.594	29.575	29 535	3	0	0	N. E.	N.	N.	–	–	–	–	
	27	35	54	41	43	29.388	29.262	29 275	1	1	1	N. W.	N. W.	N. W.	–	–	–	–	
	28	36	53	35	41	29.295	29 309	29.462	0	1	0	N. E.	N. E.	N. E.	–	–	–	–	
	29	31	49	31	37	20.593	29.654	29.772	0	0	0	N. E.	N. E	N. E.	–	–	–	–	Clear.
	30	25	44	32	34	29.764	29.662	29.575	2	5	5	N. E.	N. E.	S. W.	–	–	–	–	Snow gone, except where
☽	31	31	53	40	41	29.423	29.292	29.252	4	4	0	N. E.	N. E.	N. E.	–	–	–	–	Frogs peep. [drifted.
Means,		28	40	32	33	29.437	29.435	29.453	4.	4.	3.				Amounts,		2.82	8½	

METEOROGICAL OBSERVATIONS—APRIL, 1868.

Moon's Phases.	Days of the month.	THERMOMETER. 7 A. M.	THERMOMETER. 2 P. M.	THERMOMETER. 9 P. M.	THERMOMETER. Mean.	BAROMETER. Cor. and Red. to 32°. 7 A. M.	BAROMETER. 2 P. M.	BAROMETER. 9 P. M.	CLOUDS. 10=covered. 7A.M.	CLOUDS. 2P.M.	CLOUDS. 9P.M.	WIND. Direction and Force. 7 A. M.	WIND. 2 P. M.	WIND. 9 P. M.	RAIN AND SNOW. Hour Began.	RAIN AND SNOW. Hour Ended.	RAIN AND SNOW. Inches Rain & Melted Snow.	RAIN AND SNOW. Inches Snow.	REMARKS.
	1	35	64	55	31	29.183	29.081	29.066	0	0	1	N. E.	N. W.	N. W.	–	–	–	–	
	2	49	59	43	30	29.072	28.961	29.057	8	10	5	W.	S. W.	N. W.	2 p. m.	5 p. m.	.22	–	Thunder storm.
	3	32	44	38	38	29.253	29.260	29.265	1	1	0	N. W.	N. W.	N. W.	–	–	–	–	
	4	30	36	35	37	29.131	29.075	29.118	2	10	7	N. W.	W.	S. W.	–	–	–	–	
	5	30	28	22	26	28.993	29.136	29.359	5	4	0	N. W.	N. W.	N. W.	12 p. m.	3 p. m.	.16	2	
	6	23	33	32	29	29.454	29.443	29.420	0	1	1	S. W.	W.	S. W.	–	–	–	–	
☉	7	31	31	32	31	29.383	29.046	29.436	10	10	10	S. E.	S. E.	N. E.	6 a. m.	–	–	6	
	8	31	36	26	31	28.791	28.966	29.183	0	2	0	S. W.	W.	W.	5 p.m.	2 a. m. 7 p. m	1.77	–	
	9	21	30	26	25	29 527	29.653	29.616	0	3	0	W.	N. W.	N. W.	–	–	–	–	
	10	24	26	27	25	29.739	29.581	29.431	10	10	10	N. W.	N. W.	N. W.	8 a. m.	12 p. m.	1.40	7	
	11	26	30	37	31	29.307	29.277	29.255	10	2	10	N. W.	W.	W.	–	–	–	–	
	12	41	21	29	33	29.170	29.300	29.421	8	10	10	W.	N. W.	N. W.	–	–	–	–	Dandelion in blossom.
	13	21	33	31	28	29.585	29.595	29.685	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	
☾	14	23	44	36	34	29.792	29.662	29.572	0	8	10	N· W.	S. W.	S. W.	7 p. m.	–	–	–	
	15	46	60	56	54	29.360	29.323	29.331	8	10	10	N W.	N. W.	S. W.	–	2 a. m.	.08	–	
	16	56	60	60	58	29 269	29.238	29.181	3	10	10	S. W.	S. W.	S. W.	6 a. m.	–	–	–	
	17	59	62	54	58	29.226	29.173	29.234	10	9	2	S. W.	S. W.	S. W.	–	1 a. m.	.37	–	
	18	49	44	39	44	29.292	29.425	29.584	2	4	1	W.	W.	W.	–	–	–	–	Aurora 9 P. M.
	19	38	56	47	47	29.778	29.703	29.716	1	5	5	S. W.	S. W.	S. W.	–	–	–	–	
	20	43	45	43	43	29.562	29.484	29.417	10	10	10	N. E.	N. E.	N. E.	8 a. m.	–	–	–	
	21	50	53	49	50	29.443	29.457	29.473	10	10	5	N. E.	N. E.	N. E.	–	6 a. m.	.92	–	
●	22	46	63	55	54	29.604	29.512	29.582	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	
	23	49	67	34	50	29.454	29.290	29.692	2	8	2	S. W.	S. W.	N. W.	3 p. m.	5 p. m.	.10	–	
	24	34	51	41	43	29.831	29.763	29.759	0	1	1	W.	N. W.	N. W.	–	–	–	–	Cowslip in blossom.
	25	35	38	34	35	29.700	29.640	29.600	10	10	10	S. W.	S. W.	N.	6½ a. m.	4 p. m.	.36	1¾	Wind flower in blossom.
	26	35	54	40	43	29.610	29.521	29.656	10	4	0	N. W.	N. W.	N. W.	–	–	–	–	
	27	35	47	40	40	29.670	29.551	29.599	10	10	10	N. E.	N.	N.	4 p. m. 11 p.m.	6 p. m. 12 p. m.	.10	–	Liverwort in blossom.
	28	39	54	45	46	29.652	29.641	29.691	2	3	3	N. E.	N. W.	S. W.	–	–	–	–	Lunar halo 9 P. M.
☽	29	41	58	44	47	29.720	29.625	29.486	8	10	10	N. E.	N. E.	N. E.	11 p. m.	–	.21	–	Violet in blossom.
	30	40	64	59	54	29.237	29.098	29.118	10	2	5	N. E.	S. W.	S. W.	5½p.m.	4 p. m. 6 p. m.	.1	–	Bloodroot in blossom.
Means,		37	46	40	41	29.458	29.382	29.433	5.	5.	4.				Amounts,		5.18	16¾	

METEOROLOGICAL OBSERVATIONS—MAY, 1868.

Moon's Phases.	Days of the month.	THERMOMETER. 7 A. M.	THERMOMETER. 2 P. M.	THERMOMETER. 9 P. M.	THERMOMETER. Mean.	BAROMETER. Cor. and Red. to 32°. 7 A. M.	BAROMETER. 2 P. M.	BAROMETER. 9 P. M.	CLOUDS. 10=covered. 7A.M.	CLOUDS. 2P.M.	CLOUDS. 9P.M.	WIND. Direction and Force. 7 A. M.	WIND. 2 P. M.	WIND. 9 P. M.	RAIN AND SNOW. Hour Began.	RAIN AND SNOW. Hour Ended.	RAIN AND SNOW. Inches Rain & Melted Snow.	RAIN AND SNOW. Inches Snow.	REMARKS.
	1	45	52	45	47	29.317	29.424	29.526	2	6	0	N. W.	N. E.	N. E.	–	–	–	–	
	2	44	41	41	48	29.526	29.489	29.469	10	10	10	N. E.	E.	E.	6½ a. m.	4½ p. m.	–	–	
	3	49	51	58	52	29.382	29.404	29.398	10	9	0	N. E.	E.	E.	–	–	–	–	
	4	47	63	59	56	29.450	29.393	29.336	2	2	7	W.	W.	W.	–	–	–	–	
	5	47	65	46	52	29.285	29.188	29.139	1	7	10	S. W.	S. W.	N.	–	–	–	–	
☺	6	47	59	47	51	29.241	29.146	29.164	10	9	10	N. E.	N. E.	N. E.	1 a. m. 7 p. m.	2 a. m. 9 p. m.	– –	– –	
	7	45	49	42	45	29.127	29.064	29.035	10	10	10	N. E.	N.	N.	9 a. m. 6 p. m.	2 p. m. –	.05 –	– –	
	8	34	47	42	41	28.983	29 002	29.137	10	8	0	E.	S. W.	–	–	10 a. m.	.75	–	Snow from 5 to 8 A. M.
	9	45	58	50	51	29.225	29.189	29.309	0	3	0	W.	W.	W.	–	–	–	–	
	10	52	56	47	51	29.387	29.420	29.563	3	5	5	W.	E.	E.	–	–	–	–	Tulips in blossom.
	11	44	58	42	48	29.626	29.630	29.683	10	3	0	E.	E.	E.	–	–	–	–	Pyrus Japonica in bloss.
	12	50	63	48	53	29.691	29.624	29.703	0	5	0	E.	E.	E.	–	–	–	–	Cherries in blossom.
	13	49	51	52	50	29.586	29.493	29.349	10	10	10	N. E.	N. E.	N. E.	3 p. m.	–	–	–	Humming bird.
☾	14	59	62	56	59	29.203	29.236	29.381	10	10	0	–	N. E.	N. E.	8 a. m.	6½ a. m. 3½ p. m.	– 2.18	– –	
	15	50	61	53	54	29.491	29.524	29.470	10	10	10	N. E.	N. E.	N. E.	2 p. m.	8 p. m.	.14	–	
	16	56	68	60	61	29.429	29.375	29.371	5	10	7	N. E.	E.	–	–	–	–	–	
	17	57	69	59	61	29 336	29.148	29.283	8	8	10	S.	S. W.	S. W.	–	–	–	–	
	18	54	57	50	53	29.169	29.104	29.209	10	10	10	N. E.	N.	N.	4 a. m	–	–	–	
	19	49	53	49	50	29.367	29.435	29.491	10	10	10	N. E.	N. E.	N. E.	12 m.	7 a. m. 2 p. m.	– –	– –	
	20	49	50	46	48	29.558	29.506	29.458	10	10	10	N. E.	N. E.	N. E.	4 p. m.	–	–	–	
	21	49	53	53	51	29 104	28.976	29.026	10	10	10	N. E.	N. E.	N. E.	–	4 p. m.	*3.6	–	
●	22	56	64	59	59	29.194	29.542	29.348	7	9	10	S. W.	S. W.	–	–	–	–	–	
	23	49	53	46	49	29.424	29.406	29.319	10	10	10	N. E.	N. E.	N. E.	2½ p. m.	–	–	–	
	24	46	53	51	50	29.192	29.202	29.236	10	10	10	N. E.	N. E.	N. E.	5 p. m.	11 a. m. –	– –	– –	
	25	52	61	58	57	29.269	29.268	29.351	10	10	8	S. E.	E.	–	–	10½ a. m.	–	–	
	26	54	63	55	57	29.401	29 388	29.422	10	9	10	N. E.	N. E.	E.	3¼ a. m.	8 a. m.	†1.38	–	
	27	54	73	58	61	29.414	29.315	29.301	10	3	0	E.	S. E.	S. E.	–	–	–	–	
☽	28	56	75	60	63	29.299	29.272	29.308	8	2	3	S. W.	S.	S. W.	–	–	–	–	
	29	58	68	61	62	29.356	29 348	29.328	10	10	10	S.	E.	E.	1 p. m.	–	–	–	Lilacs in blossom.
	30	53	64	63	60	29.294	29 293	29.308	10	10	10	N. E.	S. W.	S. W.	–	8 a. m.	.74	–	Cut grass on lawn.
	31	64	70	61	65	29.283	29.280	29 351	0	4	0	S. W.	S. W.	S. W.	–	–	–	–	
Means,		54	59	52	53	29.516	29.325	29.347	7.	7.	6.				Amount,		8.30	–	

* Since noon-day. † Since Saturday.

METEOROGICAL OBSERVATIONS—JUNE, 1868.

Moon's Phases.	Days of the month.	THERMOMETER. 7 A. M.	THERMOMETER. 2 P. M.	THERMOMETER. 9 P. M.	THERMOMETER. Mean.	BAROMETER. Cor. and Red. to 32°. 7 A. M.	BAROMETER. 2 P. M.	BAROMETER. 9 P. M.	CLOUDS. 10=covered. 7A.M.	CLOUDS. 2P.M.	CLOUDS. 9P.M.	WIND. Direction and Force. 7 A. M.	WIND. 2 P. M.	WIND. 9 P. M.	RAIN AND SNOW. Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow.	REMARKS.
	1	56	70	62	63	29.231	29.388	29.398	1	7	9	S.	S. W.	W.	8¼ p.m.	11 p.m.	–	–	
	2	58	67	55	60	29.450	29.375	29.460	2	5	6	N. W.	N. W.	N. E.	–	–	–	–	
	3	52	67	54	58	29.571	29.594	29.677	2	4	8	N. E.	N. E.	–	–	–	–	–	
	4	54	68	55	59	29.768	29.731	29.784	0	0	2	N. W.	S. E.	S. E.	–	–	–	–	
☉	5	52	64	61	59	29.761	29.669	29.564	9	10	10	N.	S. E.	S. E.	–	–	–	–	
	6	65	76	68	70	29.446	29.416	29.608	10	6	9	S. W.	S. W.	S. W.	–	–	–	–	
	7	66	66	54	62	29.478	29.531	29.617	10	10	10	S. W.	N. E.	N.E.	7½ a. m. 2 p. m.	9½ a.m. –	– .11	– –	
	8	56	70	64	63	29.617	29.546	29.516	10	3	1	N. W.	N. E.	S.	–	8½ a.m.	.16	–	
	9	63	63	60	62	29.472	29.441	28.484	8	10	9	S.	S. W.	N. W.	1 p. m.	6 p. m.	–	–	Thunder storm.
	10	57	67	61	62	29.623	29.591	29.621	2	2	3	N. W.	N. W.	N. E.	–	–	–	–	
	11	56	53	49	53	29.637	29.595	29.441	10	10	10	N. E.	N. E.	N. E.	10 a. m.	–	–	–	
	12	52	58	59	57	29.299	29.213	29.233	10	10	10	N. E.	N. E.	N. E.	–	12 p.m.	1.95	–	
☾	13	66	77	68	70	29.386	29.423	29.488	3	9	5	N. W.	N. W.	N. W.	–	–	–	–	
	14	62	78	66	68	29.589	29.548	29.561	2	1	1	S. E.	S.	S.	–	–	–	–	
	15	66	80	68	71	29.574	29.492	29.468	0	2	2	S. W.	S. W.	S. W.	–	–	–	–	
	16	66	76	69	67	29.444	29.365	29.370	10	3	10	S. W.	S.	–	–	–	–	–	
	17	68	77	69	71	29.388	29.355	29.357	10	4	10	S. E.	E.	E.	8 a. m.	10 a.m.	–	–	
	18	66	76	72	71	29.398	29.355	29.325	10	10	9	N. E.	N. E.	–	–	–	–	–	
	19	67	82	73	74	29.260	29.194	29.124	10	7	1	W.	S. W.	S. W.	–	–	–	–	
●	20	74	87	78	78	29.100	29.054	29.114	2	1	3	W.	W.	W.	–	–	–	–	
	21	73	71	60	68	29.112	29.267	29.341	10	10	10	N. E.	N. E.	N. E.	1 p. m.	–	–	–	
	22	58	58	56	57	29.338	29.351	29.323	10	10	10	N. E.	N. E.	–	–	1½ p.m.	.86	–	
	23	57	70	63	63	29.326	29.333	29.414	10	4	9	N.	N.	N. W.	–	–	–	–	
	24	60	68	59	62	29.490	29.498	29.554	2	5	–	E.	N. E.	N. W.	–	–	–	–	
	25	61	75	64	67	29.630	29.575	29.536	0	2	2	W.	S. W.	S. W.	–	–	–	–	
	26	69	74	69	71	29.474	29.400	29.347	4	7	8	W.	W.	W.	–	–	–	–	
☽	27	68	82	75	75	29.275	29.209	29.207	2	1	5	W.	W.	S. W.	–	–	–	–	
	28	60	75	67	67	29.316	29.297	29.388	2	5	–	N. E.	N. E.	N. E.	–	–	–	–	
	29	63	75	63	67	29.512	29.535	29.483	2	5	0	N. E.	N. E.	–	–	–	–	–	
	30	63	76	64	67	29.644	29.603	29.626	3	4	6	E.	S. W.	S. W.	–	–	–	–	
Means,		61	71	63	65	29.453	29.431	29.447	5.	5.	5.				Amount,		3.08	–	

METEOROGICAL OBSERVATIONS—JULY, 1868.

Moon's Phases.	Days of the month.	THERMOMETER. 7 A. M.	THERMOMETER. 2 P. M.	THERMOMETER. 9 P. M.	THERMOMETER. Mean.	BAROMETER. Cor. and Red. to 32°. 7 A. M.	BAROMETER. 2 P. M.	BAROMETER. 9 P. M.	CLOUDS. 10=covered. 7A.M.	CLOUDS. 2P.M.	CLOUDS. 9P.M.	WIND. Direction and Force. 7 A. M.	WIND. 2 P. M.	WIND. 9 P. M.	RAIN AND SNOW. Hour Began.	RAIN AND SNOW. Hour Ended.	RAIN AND SNOW. Inches Rain & Melted Snow.	RAIN AND SNOW. Inches Snow.	REMARKS.
	1	65	72	68	68	29.616	29.585	29.591	9	10	3	S.	W.	W.	–	–	–	–	
	2	69	82	75	75	29.608	29.550	29.542	5	2	8	S.	S. W.	S. W.	–	–	–	–	
	3	75	86	76	79	29.540	29.494	29.504	5	3	8	S. W.	S. W.	S. W.	–	–	–	–	Thunder at 6 P. M.
☺	4	77	89	79	82	29.510	29.426	29.429	2	1	0	W.	S. W.	S. W.	–	–	–	–	
	5	76	90	78	81	29.405	29.341	29.374	8	5	8	–	S. W.	N.W.	3 p. m. 5 p. m.	–	.30	–	Thunder storm at 3 P.M. [and 5 P. M.
	6	71	75	60	69	29.555	29.550	29.541	3	8	9	N. E.	N. E.	N. E.	–	–	–	–	
	7	61	75	68	68	29.510	29.395	29.350	3	5	9	N. E.	S. W.	S. W.	7 p. m.	–	–	–	
	8	70	77	69	72	29.362	29.342	29.398	10	10	10	S. W.	N. E.	N. E.	9 p. m.	7 a. m.	.01	–	
	9	65	69	64	66	29.454	29.446	29.454	10	10	2	N. E.	N. E.	–	–	9 a. m.	.02	–	
	10	62	80	72	75	29.502	29.450	29.415	10	2	9	N. W.	S. W.	S. W.	–	–	–	–	
	11	76	86	78	80	29.425	29.377	29.372	5	4	2	S. W.	N. W.	N. W.	–	–	–	–	
☾	12	78	91	83	84	29.382	29.341	29.371	4	2	0	N. W.	N. W.	N. W.	–	–	–	–	
	13	79	88	82	83	29.387	29.386	29.431	2	3	10	N. E.	N. E.	N. E.	–	–	–	–	Thunder and lightning [at 8½ P. M.
	14	79	88	78	82	29.450	29.399	29.409	8	3	10	S. E.	S. E.	S. W.	–	–	–	–	
	15	77	92	81	83	29.317	29.214	29.206	2	4	10	S. W.	S. W.	S. W.	8 p. m.	9 p. m.	–	–	
	16	78	83	69	77	29.224	29.304	29.367	4	2	1	N. E.	N. E.	N. E.	–	–	–	–	
	17	64	79	70	71	29.446	29.412	29.410	10	2	1	N. E.	N. E.	–	–	–	–	–	
	18	68	85	72	75	29.401	29.342	29.357	1	2	0	S. W.	S. W.	S. W.	–	–	–	–	
●	19	71	85	75	77	29.360	29.322	29.375	3	9	10	S. W.	S. W.	N. E.	5 p. m. 8 p. m.	5½ p.m. 10 p.m.	– .07	– –	Thunder and lightning.
	20	71	78	64	71	29.558	29.535	29.501	10	10	10	N. E.	N. E.	N. E.	–	–	–	–	Drizzly.
	21	70	75	71	72	29.458	29.415	29.377	10	8	10	N. E.	S. W.	S. W.	–	–	–	–	
	22	73	82	75	77	29.480	29.229	29.250	9	5	4	S. W.	S. W.	S. W.	–	–	–	–	
	23	64	74	64	67	29.375	29.347	29.360	10	4	8	N. E.	N. E.	N. E.	–	–	–	–	
	24	63	67	69	66	29.361	29.330	29.285	10	10	10	N. E.	N. E.	N. E.	7 a. m.	–	–	–	
	25	68	73	70	70	29.195	29.207	29.247	10	10	2	S. E.	N. E.	N. E.	–	9 a. m.	.68	–	
☽	26	69	75	66	70	29.398	29.393	29.443	3	9	0	N. W.	N. W.	–	–	–	–	–	
	27	61	79	68	69	29.487	29.445	29.455	10	8	9	–	N. W.	N. W.	–	–	–	–	
	28	67	75	69	70	29.474	29.463	29.438	10	10	10	W.	W.	–	–	–	–	–	
	29	64	76	66	69	29.492	29.470	29.481	10	8	8	–	S. W.	S. W.	–	–	–	–	
	30	67	75	71	71	29.481	29.435	29.453	10	5	10	S. W.	S. W.	S. W.	7½ a. m. 12 m.	9 a. m. 1 p. m.	– –	– –	Thunder and lightning.
	31	70	80	74	75	29.433	29.332	29.274	10	9	9	S. W.	S. W.	S. W.	–	–	–	–	
Means,		68	80	71	74	29.433	29.396	29.422	6.	5.	6.				Amount,		1.08		

METEOROGICAL OBSERVATIONS—AUGUST, 1868.

Moon's Phases.	Days of the month.	Thermometer. 7 A. M.	Thermometer. 2 P. M.	Thermometer. 9 P. M.	Thermometer. Mean.	Barometer. Cor. and Red. to 32°. 7 A. M.	Barometer. 2 P. M.	Barometer. 9 P. M.	Clouds. 10=covered. 7A.M.	Clouds. 2P.M.	Clouds. 9P.M.	Wind. Direction and Force. 7 A. M.	Wind. 2 P. M.	Wind. 9 P. M.	Rain and Snow. Hour Began.	Rain and Snow. Hour Ended.	Rain and Snow. Inches Rain & Melted Snow.	Rain and Snow. Inches Snow.	Remarks.
	1	74	81	72	76	29.205	29.127	29.092	7	7	9	W.	S. W.	S. W.	–	–	–	–	
	2	77	79	76	77	29.082	29.059	29.114	2	5	8	S. W.	S. W.	–	–	–	–	–	
	3	73	83	73	76	29 185	29.264	29.372	7	3	8	S. W.	S. W.	S. W.	–	–	–	–	
	4	70	68	66	68	29.418	29.436	29.558	10	10	6	N. E.	N. E.	–	1½ a. m.	4 p. m.	1.27	–	
	5	66	68	66	67	29.561	29.598	29.591	10	10	9	N. E.	N. E.	N. E.	–	–	–	–	
	6	62	72	65	66	29.612	29.588	29.551	8	8	4	N. E.	N. E.	–	3½ a. m.	6 a. m.	.08	–	
	7	65	70	63	66	29.479	29.433	29.404	10	10	2	N. E.	N. E.	–	–	–	–	–	
	8	62	72	70	68	29.412	29.270	29.242	10	10	5	S. W.	S. W.	S. W.	–	–	–	–	Showery all day.
	9	70	76	71	72	29.255	29.222	29.262	10	5	10	S. W.	N. W.	S. W.	3 a. m.	–	1.00	–	Thunder st'm at 3 A. M.
	10	69	75	67	70	29.370	29.400	29.431	2	4	3	S. W.	W.	–	–	–	–	–	
☾	11	68	69	61	66	29.438	29.415	29 350	6	10	10	S. W.	S. W.	S. W.	1½ p.m.	11½ p.m.	.66	–	
	12	62	71	60	64	29.281	29 295	29.393	8	4	0	N. E.	N. W.	N. W.	3 p. m.	4 p. m.	–	–	
	13	58	71	60	63	29.465	29.413	29.449	0	3	1	N. W.	W.	–	6 p. m.	6½ p. m.	–	–	
	14	64	74	64	67	29.474	29.443	29 448	1	2	0	S. W.	S. W.	S. W.	–	–	–	–	
	15	63	77	70	70	29.469	29.388	29.367	1	4	10	S. W.	S. W.	S. W.	7½ p. m.	–	–	–	Thunder st'm at 7½ P.M.
	16	66	62	61	63	29 353	29.393	29.471	10	3	0	W.	N. W.	S. W.	–	–	–	–	Drizzly morning.
	17	54	70	63	62	29.600	29.593	29.641	3	3	0	–	W.	W.	–	–	–	–	
●	18	62	72	68	67	29.654	29.635	29.601	3	4	8	S. W.	S. W.	S. W.	–	–	–	–	
	19	70	79	73	74	29.413	29.417	29.418	10	5	10	S. W.	S. W.	S. W.	–	–	–	–	
	20	72	75	71	73	29.385	29.347	29.555	10	10	8	S. W.	W.	W.	1½ p. m.	7 p m.	.32	–	
	21	69	77	68	71	29.426	29.448	29 521	3	9	4	N. W.	N. E.	–	–	–	–	–	
	22	63	75	63	67	29.546	29.533	29.521	1	3	0	N. E.	N. E.	–	–	–	–	–	
	23	65	79	66	70	29.499	29.442	29.441	1	1	0	N. E.	N. W.	–	–	–	–	–	
☽	24	61	79	70	79	29.427	29.398	29.395	4	7	2	N. E.	W.	–	–	–	–	–	
	25	64	77	70	70	29.476	29.448	29.480	1	3	2	W.	S. W.	S. W.	–	–	–	–	
	26	67	80	72	73	29.508	29.470	29.460	4	9	1	S. W.	W.	S. W.	–	–	–	–	
	27	68	69	56	64	29.576	29.643	29.712	10	9	0	N. E.	N. E.	N. E.	–	–	–	–	
	28	51	70	61	61	29.778	29.656	29.616	1	2	0	–	S. W.	S. W.	–	–	–	–	
	29	64	77	70	70	29.509	29.520	29.383	10	5	0	S. W.	S. W.	S. W.	–	–	–	–	
	30	72	82	71	75	29.391	29.327	29.420	5	8	8	S. W.	S. W.	S. W.	4 p. m.	5½ p.m.	.24	–	Thunder st'm at 4 P. M.
	31	66	76	68	70	29.491	29.458	29.438	2	1	10	N. E.	S. E.	–	–	–	–	–	
Means,		65	74	67	69	29.379	29.354	29.377	5.4	5.7	4.5				Amount,		3.57	–	

METEOROLOGICAL OBSERVATIONS—SEPTEMBER, 1868.

Moon's Phases.	Days of the month.	Thermometer. 7 A. M.	Thermometer. 2 P. M.	Thermometer. 9 P. M.	Thermometer. Mean.	Barometer. Cor. and Red. to 32°. 7 A. M.	Barometer. 2 P. M.	Barometer. 9 P. M.	Clouds. 10=covered. 7 A. M.	Clouds. 2 P. M.	Clouds. 9 P. M.	Wind. Direction and Force. 7 A. M.	Wind. 2 P. M.	Wind. 9 P. M.	Rain and Snow. Hour Began.	Rain and Snow. Hour Ended.	Rain and Snow. Inches Rain & Melted Snow.	Rain and Snow. Inches Snow.	Remarks.
	1	72	80	67	73	29.277	29.249	29.385	10	7	1	S. W.	W.	W.	-	-	-	-	
	2	65	70	62	66	29.489	29.553	29.606	4	4	10	N. E.	N. E.	N. E.	-	-	-	-	
	3	61	67	59	62	29.702	29.701	29.674	9	9	9	N. E.	E.	E.	-	-	-	-	
	4	60	68	62	63	28.574	29.468	29.421	10	10	10	E.	N. E.	N. E.	1 a. m.	-	-	-	
	5	63	72	62	66	29.381	29.320	29.355	10	0	0	-	N. W.	N. W.	-	7 a. m.	2.45	-	
	6	65	70	63	66	29.416	29.393	29 385	5	4	10	W.	W.	-	-	-	-	-	
	7	68	72	63	68	29.310	29.292	29.305	10	7	0	S. W.	S. W.	S. W.	3 a. m.	4½ p. m.	.84	-	Showery.
	8	61	69	57	62	29.470	29.441	29.462	0	1	0	N.	E.	-	-	-	-	-	
☾	9	59	66	65	63	29.442	29.355	29.385	8	10	10	E.	W.	-	1½ p. m.	2½ p. m.	.07	-	Showery.
	10	66	72	66	68	29.393	29.382	29.438	10	10	10	S.	-	-	4 a. m.	-	-	-	Showery.
	11	67	76	74	72	29.481	29.480	29.510	10	10	5	-	S. W.	S. W.	8 p. m.	2 a. m.	.86	-	Showery.
	12	70	69	66	68	29.541	29.523	29.506	10	10	10	N. E.	N. E.	N. E.	6 p. m.	3½ a.m.	.05	-	Showery.
	13	64	77	71	71	29.436	29.367	29.398	10	6	10	N. E.	S. W.	S. W.	4 p. m.	3 a. m.	.24	-	
	14	62	67	57	62	29.742	29.478	29.607	3	4	0	N. E.	N. E.	N. E.	-	3 a. m.	.29	-	
	15	55	66	57	59	29.667	29.605	29.560	3	1	10	S. E.	S. E.	S. E.	-	-	-	-	
●	16	57	65	53	58	29.376	29.271	29.369	10	9	0	-	S. W.	N. W.	-	-	-	-	Fog and drizzle.
	17	41	56	44	48	29.549	29.507	29.596	3	6	0	N. W.	N. W.	-	-	-	-	-	
	18	40	58	48	49	29.760	29.720	29.755	0	3	0	-	S. W.	S. W.	-	-	-	-	
	19	45	63	52	53	29.749	29.730	29.770	0	4	10	-	S. W.	S. W.	-	-	-	-	
	20	54	63	60	59	29.608	29.414	29.321	10	10	10	S. W.	S. W.	-	4 p. m.	10½ p.m.	.37	-	
	21	49	57	45	50	29.441	29.427	29.446	4	0	0	N. E.	N. E.	N. E.	-	-	-	-	
	22	43	57	51	50	29.512	29.470	29.465	1	8	8	N. E.	E.	N. E.	-	-	-	-	
☽	23	53	63	58	58	29.409	29.336	29.450	10	10	9	E.	E.	-	4 a. m.	8 p. m.	.35	-	
	24	51	56	51	53	29.638	29.600	29.555	8	10	10	N.	N. E.	N. E.	7½ p. m.	-	-	-	
	25	49	53	54	52	29.404	29.326	29.334	10	10	10	N. E.	N. E.	N. E.	-	-	-	-	
	26	59	63	56	59	29.366	29.432	29.495	9	8	9	W.	N. E.	N. E.	9½ p. m.	6 a. m.	2.18	-	
	27	49	53	51	51	29.473	29.416	29.399	10	10	10	N. E.	N. E.	N. E.	-	-	-	-	
	28	55	68	58	60	29.326	29.340	29.316	10	3	0	S. W.	W.	W.	-	6 a. m.	.90	-	
	29	52	58	46	52	29.384	29.341	29.463	0	3	0	W.	W.	W.	-	-	-	-	
	30	44	58	56	53	29.542	29.440	29.447	1	9	9	S. W.	S. W.	S. W.	-	-	-	-	
Means,		56	64	57	59	29.495	29.443	29.473	6.	6.	6.				Amount,		8.60	-	

WEATHER AND WIND, 1867–8.

Weather and Wind.	October.	November.	December.	January.	February.	March.	April.	May.	June.	July.	August.	Septemb'r.	Total.
Number of days clear, ...	2	0	1	2	2	2	2	0	0	0	0	0	11
Number of days cloudy, . . .	29	30	30	29	27	29	28	31	30	31	31	30	355
Number of days rainy, ...	11	19	12	10	9	9	16	17	9	11	11	15	149
Number of days N. wind, . . .	7	7	4	3	2	3	2	2	2	0	0	1	33
Number of days N. W. wind, . .	11	11	19	21	20	17	17	1	8	6	5	3	139
Number of days W. wind, . . .	5	7	9	7	1	2	9	3	4	3	9	5	64
Number of days S. W. wind, . .	12	18	10	6	8	10	12	7	9	16	19	10	137
Number of days S. wind, . . .	2	6	0	0	0	1	0	3	5	2	0	1	20
Number of days S. E. wind, . .	3	2	0	0	1	0	1	2	4	2	0	1	16
Number of days E. wind, . . .	3	1	0	0	0	0	0	9	2	0	0	6	21
Number of days N. E. wind, . .	11	9	8	9	9	15	8	16	11	11	11	11	129

REMARKS.

By clear days is meant days entirely clear; *i. e.*, no cloud whatever being visible.
By rainy days, that more or less rain (or snow) fell, without any reference to quantity.

SUMMARY OF METEOROLOGICAL OBSERVATIONS, 1867–8.

Average for		October.	November.	December.	January.	February.	March.	April.	May.	June.	July.	August.	Septem'r.	Year.
Thermometer,	7 A. M.	45	35	19	18	14	28	37	54	61	68	65	56	42
	2 P. M.	58	42	26	25	25	40	46	59	71	80	74	64	51
	9 P. M.	50	37	22	19	19	32	40	52	63	71	67	57	43
	daily,	51	38	23	21	19	33	41	53	65	74	69	59	45
Barometer,	7 A. M.	29.442	28.882	29.424	29.426	29.521	29.437	29.458	29.516	29.453	29.433	29.379	29.495	29.406
	2 P. M.	29.389	28.844	29.671	29.342	29.517	29.435	29.382	29.325	29.431	29.396	29.354	29.443	29.377
	9 P. M.	29.419	28.868	29.410	29.376	29.506	29.453	29.433	29.347	29.447	29.422	29.377	29.473	29.381
	daily,	29.417	28.865	29.468	29.381	29.515	29.442	29.424	29.396	29.444	29.417	29.370	29.470	29.384
Cloudiness,	7 A. M.	4.	6.	5.	5.	3.	4.	5.	7.	5.	6.	5.	6.	5.
	2 P. M.	5.	6.	5.	5.	4.	4.	5.	7.	5.	5.	6.	6.	5.
	9 P. M.	4.	6.	5.	5.	3.	3.	4.	6.	5.	6.	5.	6.	5.
	daily,	4.	6.	5.	5.	3.	4.	5.	7.	5.	6.	5.	6.	5.
Inches Rain and Snow Water,		3.79	2.19	2.07	3.27	1.53	2.82	5.18	8.3	3.08	1.08	3.57	8.6	45.48
" Snow,		–	1.7	14.75	27.	8.75	8.5	16.75	–	–	–	–	–	77.45

Amount of Rain and Snow registered at the State Lunatic Hospital, Worcester, Mass., for Twenty-Eight Years.

Year.	January.		February.		March.		April.		May.	June.	July.	Aug.	Sept.	October.		November.		December.		Total.	
	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Rain.	Inches Rain.	Inches Rain.	Inches Rain.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.
1841, ...	4.78	25.50	.83	15.	3.43	20.	6.54	6.	3.46	.92	2.94	2.97	4.27	3.84	–	4.17	10.	4.77	6.	42.92	82.50
1842, ...	1.35	5.	4.13	3.	2.24	4.	2.82	–	3.24	4.93	1.96	7.12	3.50	.83	–	3.36	2.	5.30	26.	40.78	40.00
1843, ...	5.05	2.	4.45	30.	5.23	26.	3.13	10.	1.73	4.15	3.39	9.19	1.25	5.19	–	3 63	–	2.28	23.	48 67	91.
1844, ...	3.14	13.50	1.44	12.	3.80	18.50	.35	–	3.67	1.92	3.50	3 39	3.68	7.34	–	3.06	5.	2.56	8.	37.85	57.
1845, ...	4.17	12.	2.61	20.	3.29	10.	1.61	–	3.23	3.14	2.91	2.36	2.57	4.44	–	6.77	4.	5.39	13.	42.49	59.
1846, ...	2.92	13.	2.50	30.	3.33	–	1.34	–	5.85	2.37	3.81	2.44	.90	2.19	–	4.08	5.	2.87	4.	34.60	52.
1847, ...	4.66	5.	4.08	17.	3.89	8.	1.67	–	3.52	5.29	4 86	4.20	7.17	2.87	–	3.75	–	4.93	10.50	50.89	40 50
1848, ...	3.08	4.50	1.61	23.	3.89	6.	1.52	5.	6.82	1.31	3.13	3.19	2.36	5.75	–	1.94	7.75	3.93	25.	38.53	71.25
1849, ...	.98	2.	1.30	16.50	4.75	3.	1.95	1.5	3.56	1.25	1.60	4.28	2 49	6.45	–	4.11	–	3.12	8.50	35.84	31.50
1850, ...	4.79	15.	3.23	2.	3.67	20.	5.53	13.	7.50	3.25	3.75	6.05	7.92	3.37	–	2.14	.50	4.19	23.50	55 39	74.
1851, ...	2.07	2.50	4.01	1.50	1.40	18.	6.76	6.	4.73	3.16	2.17	1.97	2.59	7.04	4.	5.68	5.50	2.30	5 50	43.88	43.
1852, ...	5.44	17.	2.46	11.50	3.42	13.75	10.77	23.	3.15	3.53	3.42	11.38	3.36	3.89	–	5.88	4.	4.78	4.	61.48	73.25
1853, ...	3.04	10.	8.09	11.	3.60	8.	4.92	–	5.45	1.01	3.29	10.71	5.26	6.20	–	5.30	–	3.79	20.50	60.66	49.50
1854, ...	2.82	7.50	6.62	15.50	3.45	–	6.69	10.	6.78	3.05	5.68	.35	5.53	5.03	–	9.82	2.50	3.34	15.50	59.16	51.
1855, ...	8.11	9.	4.48	8.	.23	4.	5.39	–	1.64	4.19	9.40	4.06	.20	8.17	–	5.85	2.	6.90	11.	58 62	34.
1856, ...	4.60	27.50	1.35	9.	1.69	10.25	3.34	–	6.55	1.44	2.68	13.14	3.39	2.65	–	2.03	2.50	4.08	3.	46.94	52.25
1857, ...	4.48	29.	2.24	6.50	2.80	11.75	8.77	–	4.56	3.44	3.80	5.75	4.92	3.93	–	3.12	–	6.11	8.	53.92	55.25
1858, ...	3.06	8.50	1.10	4.50	2.29	–	4.14	5.	4.13	5.16	4.18	4.	5.70	3.09	–	1.69	4.62	3.19	6.25	41.73	28 87
1859, ...	5.75	24.50	3.67	18.75	7.71	4.75	2.90	1.	3.65	5.17	1.26	5.45	4	2.46	–	3.	–	4.55	19.	49.57	68.
1860, ...	1.34	14.75	2.77	20.	2.26	6.75	1.36	–	2.66	6.65	7.91	5.76	6.02	2.47	–	4.38	–	5.05	16.75	48 63	58.25
1861, ...	4.33	28.25	1.60	.50	2.85	15.	5.71	13.	3.50	2.46	5.29	3.99	3.11	3 38	–	3.93	2 75	1.81	3.	41.96	62 50
1862, ...	4.47	23.50	2.44	10.	3.51	3.	2.34	1.	1.87	7.44	6 10	2.64	2.14	3.22	–	5.35	3.	2.50	20.75	44.02	61.25
1863, ...	4.09	10.50	3.42	12.	5.78	31.	5.28	5.	1.76	1.18	8.87	3 96	2.56	4.85	–	4.77	–	4.41	11.	50.93	69.50
1864, ...	4.54	4.	1.74	5.75	3.90	10.5	5.66	11.5	5.96	2.4	1.68	3.11	2.93	4.29	–	4.81	–	3.67	15 25	44.33	46.10
1865, ...	3.92	15.50	3.26	.85	4.72	–	2.51	–	5.33	1.72	3.37	3.39	.68	.51	–	2.36	–	2.75	8.3	34.52	24.65
1866, ...	2.56	13.	5.27	1.75	3.18	5.	2.09	–	5.33	3.40	3.78	3 22	4.77	2.37	–	2.51	–	3.73	15.	42.15	34.75
1867, ...	5.16	44.	4.42	9.50	4.40	22.	2.56	–	4.91	3.32	3.36	10.79	1.97	3.79	–	2 19	1.7	2.07	14.75	59.14	118.95
1868, ...	3.27	27.	1.53	8.75	2.82	8.5	5.18	16.75	8.3	3.08	1.08	3.57	8.6	–	–	–	–	–	–	–	–
Sums, . . .	107.97	413.50	86.65	323.85	97.53	287.75	112.83	127.75	122.84	90.33	109.17	142.43	103 84	109.61	4.	109.68	62.82	104.37	345.05	1310.91	1606 22
Means, . . .	3.85	14.77	3.09	11.57	3.48	10.28	4.03	4.56	4.39	3.23	3.89	5.09	3.71	3.92	.14	3.92	2.84	3.73	12.32	46.82	57.37

Flowering Season on Hospital Hill for Thirty Years.

Trees, Shrubs, etc.	1839.	1840.	1841.	1842.	1843.	1844.	1845.	1846.	1847.	1848.	1849.	1850.	1851.	1852.	1853.
Almond, Flowering,	May 10	May 13	May 25	–	May 25	May 4	May 10	May 6	May 15	May 12	May 23	May 23	May 15	May 18	May 15
Apple,	10	11	24	May 9	14	2	8	4	22	9	18	18	14	17	10
Arbutus, Trailing,	–	–	Apr. 17	M'ch 27	–	Apr. 10	–	Apr. 2	–	Apr. 6	Apr. 13	Apr. 11	Apr. 10	Apr. 13	Apr. 9
Ash, Mountain,	–	30	May 28	–	25	–	23	–	29	–	June 2	June 6	June 1	June 5	May 22
Bloodroot,	Apr. 18	Apr. 19	8	–	3	–	25	12	1	22	–	–	Apr. 23	May 3	Apr. 26
Calicanthus,	–	May 23	June 4	–	29	–	20	May 15	28	–	–	3	May 23	25	June 4
Cherry,	28	Apr. 25	May 15	Apr. 24	9	21	Apr. 28	Apr. 24	10	29	May 6	May 5	Apr. 29	9	Apr. 30
" Wild,	May 6	May 2	21	May 5	15	27	May 5	27	–	May 13	19	–	–	10	27
Crocus,	April 8	April 1	–	April 7	Apr. 15	–	Apr. 12	9	Apr. 24	Apr. 10	Apr. 20	Apr. 10	4	Apr. 9	7
Currant, Missouri,	–	26	16	May 1	May 8	–	25	28	12	28	–	May 6	25	May 12	23
Dandelion,	–	23	1	Apr. 16	9	23	23	19	10	15	29	Apr. 15	22	3	22
Daphne Mezereon,	–	–	–	–	–	8	M'ch 29	3	20	3	2	6	M'ch 30	Apr. 14	8
Fever Bush,	–	20	8	May 1	–	17	Apr. 29	–	May 2	–	–	–	–	May 11	30
Geranium Maculatum,	May 21	May 18	28	–	28	–	May 22	May 16	25	May 19	May 24	May 30	May 18	28	May 22
Honeysuckle, Tart.,	–	16	27	14	25	–	15	13	27	16	–	3	–	24	13
Horse-Chestnut,	–	20	–	–	21	–	15	–	–	June 12	24	22	19	28	17
Hyacinth,	–	–	–	–	Apr. 29	–	1	Apr. 22	12	Apr. 14	Apr. 23	Apr. 18	Apr. 12	4	Apr. 25
Leatherwood,	Apr. 16	Apr. 16	Apr. 24	Apr. 12	25	16	Apr. 21	13	Apr. 25	–	7	May 13	–	12	29
Lilac,	May 16	May 16	May 27	–	May 24	May 4	May 15	May 8	May 25	May 17	May 24	28	May 18	27	May 17
" Persian,	18	–	30	–	20	–	19	17	–	21	June 3	June 7	25	24	19
Liverwort,	April 9	Apr. 10	Apr. 23	11	Apr. 30	–	–	Apr. 15	9	Apr. 24	Apr. 30	Apr. 26	Apr. 22	Apr. 25	Apr. 23
Maple, Red,	–	19	25	May 3	28	Apr. 12	Apr. 21	10	Apr. 21	16	11	23	May 2	28	11
Narcissus,	–	May 19	May 27	–	–	–	–	–	–	May 17	May 5	May 27	19	May 29	May 26
Peach,	May 4	1	19	Apr. 22	May 12	24	May 1	25	May 11	Apr. 26	7	6	15	11	Apr. 30
Pyrus Japonica,	–	–	–	–	14	26	3	23	11	May 6	3	6	Apr. 30	9	30
Rose, Russian,	June 2	June 3	–	–	–	May 15	22	May 17	June 5	23	June 6	June 8	May 24	June 9	June 2
" Scotch,	May 27	May 26	–	–	–	–	20	–	–	27	14	14	June 6	20	6
Shad Bush,	2	Apr. 27	–	29	13	Apr. 20	4	Apr. 27	May 9	5	May 7	May 7	May 6	Apr. 28	May 4
Violet, Blue,	–	–	–	–	1	May 15	–	27	9	Apr. 25	2	8	–	May 6	Apr. 24
Wind Flower,	Apr. 19	24	7	23	Apr. 18	–	–	9	–	–	–	–	Apr. 24	1	23

Flowering Season, &c.—Concluded.

Trees, Shrubs, etc.	1854.	1855.	1856.	1857.	1858.	1859.	1860.	1861.	1862.	1863.	1864.	1865.	1866.	1867.	1868.
Almond, Flowering,	May 20	May 19	May 22	May 25	May 17	May 8	May 10	–	–	–	May 19	May 3	May 20	May 25	May 5
Apple,	14	15	17	2	15	10	11	May 24	May 18	–	14	7	10	21	22
Arbutus, Trailing,	Apr. 18	Apr. 15	Apr. 23	April 2	Feb. 13	April 2	April 4	Apr. 11	April 10	Apr. 18	Mar. 28	Mar. 30	Apr. 2	Apr. 13	Apr. 13
Ash, Mountain,	May 30	June 12	May 31	June 3	–	May 26	June 1	May 30	May 27	May 28	May 28	May 10	–	June 12	May 25
Bloodroot,	12	May 12	–	May 13	Apr. 26	4	May 3	–	4	5	3	April 25	15	Apr. 20	15
Calicanthus,	June 6	June 4	20	June 5	–	25	19	28	26	23	27	May 17	May 21	May 28	June 1
Cherry,	May 8	May 7	8	May 9	May 1	4	4	–	9	3	Apr. 29	April 25	28	20	May 3
" Wild,	16	14	13	3	10	–	–	12	–	–	May 7	May 2	–	13	20
Crocus,	Apr. 10	Apr. 12	Apr. 6	Mar. 23	April 1	–	Apr. 14	Apr. 12	April 15	Apr. 13	Mar. 24	Mar. 21	Mar. 30	Apr. 4	Apr. 4
Currant, Missouri,	May 7	May 11	May 14	May 2	May 7	5	May 3	May 14	May 10	May 16	May 16	April 28	Apr. 12	May 18	May 11
Dandelion,	10	Apr. 17	2	Apr. 16	April 6	Mar. 31	Apr. 23	Apr. 25	April 27	Apr. 24	Mar. 27	3	7	2	Apr. 4
Daphne Mezereon,	Apr. 20	24	Apr. 16	Mar. 31	3	Apr. 13	6	11	17	13	Apr. 7	2	11	Apr. 20	17
Fever Bush,	May 8	30	May 3	–	–	–	–	–	–	–	28	20	–	May 13	May 31
Geranium Maculatum,	30	May 23	June 1	May 29	–	May 24	May 23	June 4	May 25	May 20	May 21	May 17	–	28	–
Honeysuckle, Tart.,	30	23	May 25	27	May 25	22	18	–	26	26	23	20	May 4	June 2	May 31
Horse-Chestnut,	June 2	20	24	26	28	22	23	May 28	22	20	21	18	–	3	June 4
Hyacinth,	May 6	16	Apr. 17	–	–	–	Apr. 22	–	–	–	Apr. 18	April 15	Apr. 21	May 2	May 2
Leatherwood,	6	10	–	–	–	–	–	–	–	–	20	10	–	28	11
Lilac,	22	20	May 24	26	16	17	May 18	26	20	20	May 21	May 15	May 10	June 3	27
" Persian,	26	17	31	–	–	26	20	June 8	31	26	31	20	–	7	31
Liverwort,	Apr. 30	2	Apr. 19	–	–	–	–	Apr. 17	–	–	Apr. 21	April 16	Apr. 25	Apr. 13	May 5
Maple, Red,	23	Apr. 19	2	2	April 1	Apr. 24	April 8	–	April 20	Apr. 23	19	Mar. 25	11	30	Apr. 21
Narcissus,	May 28	30	18	May 22	–	–	–	–	–	–	May 17	May 12	–	June 16	May 17
Peach,	9	8	13	14	28	–	May 5	–	May 18	–	16	2	–	May 13	14
Pyrus Japonica,	10	1	12	15	May 1	May 7	5	May 16	11	May 10	8	April 27	May 3	23	16
Rose, Russian,	June 6	June 4	June 3	June 12	–	31	31	June 8	28	28	27	May 17	–	June 12	June 11
" Scotch,	10	6	10	27	–	–	–	–	–	–	19	11	–	22	16
Shad Bush,	May 30	May 26	May 16	May 22	Apr. 30	6	7	May 12	11	10	8	April 25	12	May 12	May 20
Violet, Blue,	12	10	Apr. 15	5	May 5	4	Apr. 28	9	April 27	12	5	23	Apr. 25	10	9
Wind Flower,	Apr. 30	3	May 5	12	Apr. 29	4	–	Apr. 28	27	Apr. 27	Apr. 21	17	22	Apr. 25	Apr. 20

APPENDIX.

FORMS CONCERNING ADMISSION TO THE HOSPITAL.

PETITION.

[The applicant must answer in writing the printed interrogations accompanying this blank.]

To the Honorable the Judge of the Probate Court, in and for the County of :

of on oath complains that of , in said county of , is an insane person, and a proper subject for the treatment and custody of the Worcester Lunatic Hospital.

Wherefore, h prays that said may be committed to the said Worcester Lunatic Hospital according to law.

, ss. A. D. 186 .

Then the above named made oath that the above complaint, by h subscribed, is true.

Before me, , *Justice of the Peace.*

I, the subscriber, one of the selectmen of where said resides, hereby acknowledge that notice has been given to me of the intention to present the foregoing complaint and application.

A. D. 186 .

To the Honorable the Judge of the Probate Court, in and for the County of :

The subscriber, having made application to your Honor for the commitment of to the Worcester Lunatic Hospital, as a lunatic, now presents the following statement, in answer to interrogatories:—

What is the age of the lunatic? Ans.

Birthplace? Ans.

Civil condition of lunatic? Ans.

Occupation? Ans.

Supposed cause of disease? Ans.

Duration? Ans.

Character—whether mild, violent or dangerous? Ans.

Homicidal or suicidal? Ans.

Paralytic or epileptic? Ans.

Previous existence of insanity in the lunatic? Ans.

Previous or present insanity in any of the family? Ans.

Habits in regard to temperance? Ans.

Whether he has been in any lunatic hospital; if so, what one, when, and how long? Ans.

(If a woman) Has she ever borne any children? Ans.

(If a woman.) How long since the birth of her last child? Ans.

Name and post-office address of some of the nearest relatives or friends? Ans.

What facts show whether h has or has not a settlement, and where, if anywhere, in this State? Ans.

[For the law relating to settlement, see Gen. Stat., chap. 69.]

, *Applicant.*

PHYSICIANS' CERTIFICATE.

The subscribers, respectable physicians of in the county of , having made due inquiry and personal examination of named in the foregoing application, within one week prior to the date hereof, certify that the said is insane, and a proper subject for the treatment and custody of the Worcester Lunatic Hospital.

A. D. 186 .

, ss. A. D. 186 .

Then the above named made oath that the above certificate is true.

, *Justice of the Peace.*

Commonwealth of Massachusetts.

, ss. At , in said county, on the day of , A. D. 186 .

On the application of for the commitment of of in said county, to the Worcester Lunatic Hospital, ; notice in writing having been given by said applicant to one of the selectmen of where said resides, of h intention to make said application, and said having been duly notified of the time and place appointed for hearing, it appears, upon a full hearing, that said is an insane person, and a proper subject for the treatment and custody of the Worcester Lunatic Hospital.

Wherefore it is ordered that said be committed to the said Worcester Lunatic Hospital.

, *Judge of Probate Court.*

FORM OF OVERSEERS' BOND.

Worcester Lunatic Hospital.

Whereas, of , in the county of , has been admitted a boarder in the Worcester Lunatic Hospital, , a majority of the Overseers of the Poor of the town of , in the county of , in behalf of the inhabitants of said town, do hereby promise Treasurer of said Hospital, to pay him, or his successor in said office, the rate of board which may, from time to time, be determined by the Trustees of said hospital, for said patient, so long as h shall continue a boarder in said hospital, with such extra charges as may be occasioned by h requiring more than ordinary care and attention, to provide for h suitable clothing, and to pay for all such necessary articles of clothing as shall be procured for h by the Steward of the hospital, and to remove h from said hospital whenever the room occupied by h shall be required for a class of patients having preference by law, or in the opinion of the Superintendent, to be received into said hospital: Also to pay not exceeding fifty dollars for all damages h may do to the furniture and other property of said hospital, and for reasonable charges in case of elopement, and funeral charges in case of death. Payment to be made quarterly, and at the time of removal, with interest on each bill from and after the time it becomes due.

Witness our hands this day of

Attest. (Signed,)

Overseers of the Poor of the Town of

FORM OF PRIVATE BOND.

Worcester Lunatic Hospital.

Whereas, of , in the county of , as principal, and of , in the county of , as surety, do hereby jointly and severally promise Treasurer of said hospital, to pay him or his successor in said office, the rate of board which may, from time to time, be determined by the Trustees of said hospital, for said patient, so long as h shall continue a boarder in said hospital, with such extra charges as may be occasioned by h requiring more than ordinary care and attention; to provide for h suitable clothing, and to pay for all such necessary articles of clothing as shall be procured for h by the Steward of the hospital, and to remove h from said hospital whenever the room occupied by h shall be required for a class of patients having preference by law, or in the opinion of the Superintendent, to be received into said hospital. Also to pay, not exceeding fifty dollars, for all damages h may do the furniture and other property of said hospital, and for reason-

able charges in case of elopement, and funeral charges in case of death. Payment to be made quarterly, and at the time of removal, with interest on each bill from and after the time it becomes due.

Witness our hands this day of , A. D. 186 .

, *Principal.*

, *Surety.*

Patients will be received into the hospital at any time, if the following conditions are complied with:

If the patient is in indigent circumstances, and has no settlement in any town in the Commonwealth, the Probate Court, or if in the city of Boston, the Superior Court, will issue a warrant for the commitment of the patient to the hospital. The State will then pay the cost of support, and the county from which the patient is sent will pay the expenses of the commitment.

If the patient is in indigent circumstances, and has a settlement in any town in the Commonwealth, the Overseers of the Poor of that town may give a bond for the support of the patient. Or, when this is inconvenient, an application may be made to the Probate Court of the county where the patient resides, and a warrant will be issued for the commitment of the patient to the hospital, and the town will be held responsible for the support of the patient.

In all other cases a bond from responsible persons, as principal and surety will be required for the expenses of the patient while in the hospital.

In all cases, before admission to the hospital, two physicians, one of whom shall be the family physician, must certify that the patient is insane.

All necessary clothing must be supplied by the friends of the patients.

Clothing will be supplied at the hospital, if desirable, and charged in the bills at cost.

Damages done to the furniture and other property to the amount of fifty dollars may also be charged.

Reasonable charges will be made in case of elopement, and funeral charge in case of death.

All bills are collected by the Treasurer quarterly, or interest charged on the same after becoming due.

Bills become due on the first of January, April, July and October, and when the patient leaves the hospital.